From: Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com]

Sent: 8/29/2012 5:49:32 PM

To: Curt Black [Black.Curt@epa.gov]; Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]; MacDonald, Jennifer

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer]; Jennings, Marie

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]; Fleming, Sheila

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming, Sheila]; Thomas Eaton

[Eaton.ThomasLNDU@usepa.onmicrosoft.com]

Subject: Yakima Report: Brief Ecology and Ag, Call-in Personal Privacy/ Ex. 6 Code: Personal Privacy/ Ex. 6 We will get adobe connect

Attachments: Yakima Valley Nitrate Presentation Ecology August 29 2012.pptx

Location: 9th Floor Conference Room

Start: 8/30/2012 6:00:00 PM **End**: 8/30/2012 8:00:00 PM

Show Time As: Tentative

Recurrence: (none)

Message

From: MacIntyre, Mark [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=1EF0971B52B14F6A9DF509C4800A10E3-MACINTYRE, MARK]

Sent: 8/31/2012 6:39:16 PM

To: MacDonald, Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer]

Subject: Re: Fw: Desk Statement

Jennifer: If you are working today, can you call me?

Thanks

MM

Mark A. MacIntyre, Senior Public Information Officer U.S. EPA Region 10 1200 Sixth Ave. Suite 900 Seattle, WA 98101-3123

206.553.7302(desk) 206.369.7999(cell) macintyre.mark@epa.gov

From: Jennifer MacDonald/R10/USEPA/US

To: Eric Winiecki/R10/USEPA/US@EPA

େ: Marie Jennings/R10/USEPA/US@EPA, Mark Macintyre/R10/USEPA/US@EPA, David

Allnutt/R10/USEPA/US@EPA

Date: 08/31/2012 11:15 AM Subject: Fw: Desk Statement

Hi Eric,

Attorney Client / Ex. 5

Thank you.

-Jennifer 206-553-8311 MacDonald.Jennifer@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Co: Marie Jennings/R10/USEPA/US@EPA, Macintyre.Mark@epa.gov

 Date:
 08/31/2012 08:55 AM

 Subject:
 Desk Statement

Jennifer,

Mark is asking for some language for a desk statement that Tom could use if anyone (especially a reporter) calls EPA and asks whether we are having discussions with the dairies in the study. I think it should be brief, here's a starting point:

Attorney Client / Ex. 5

Please revise if you have suggestions.

Fric

Message

From: Allnutt, David [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6E28F5BF9CBF4B8B9EDA7751C2F10750-ALLNUTT, DAVID]

Sent: 6/7/2012 7:05:35 PM

To: MacDonald, Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer]

CC: Stern, Allyn [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2e2d6f5df08d4e9abbff2c0880407775-Stern, Allyn]

Subject: Re: Fw: revised powerpoint

This looks good to me. I like the modifications to the first bullet.

R. David Allnutt, Unit Manager
Office of Regional Counsel
U.S. EPA, Region 10
1200 Sixth Avenue, Suite 900, Mail Stop ORC-158
Seattle, Washington 98101-3140
(206) 553-2581

From: Jennifer MacDonald/R10/USEPA/US

To: Allyn Stern/R10/USEPA/US@EPA, David Allnutt/R10/USEPA/US@EPA

Date: 06/07/2012 12:02 PM Subject: Fw: revised powerpoint

Hello Allyn and David, Here is the latest version of the powerpoint presentation for the briefing with HQs.

Attorney Client / Ex. 5

Attorney Client / Ex.

Happy to hear your thoughts.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 06/07/2012 11:59 AM -----

From: Jennifer MacDonald/R10/USEPA/US

To: Eric Winiecki/R10/USEPA/US@EPA

Date: 06/07/2012 11:53 AM Subject: revised powerpoint

Hi Eric, Here are my revisions

Attorney Client / Ex. 5

[attachment "Yakima - Briefing HQ June 7.pptx" deleted by David Allnutt/R10/USEPA/US] -Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

Winiecki, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=45FA974E305B49CD8AF513001A800543-WINIECKI, ERIC]

Sent: 8/31/2012 5:09:23 PM

To: MacDonald, Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer

CC: Allnutt, David [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=6e28f5bf9cbf4b8b9eda7751c2f10750-Allnutt, David)

Re: Fw: Briefing materials for Steve Chester - Yakima Valley Subject:

Attorney Client / Ex. 5

Eric

From: Jennifer MacDonald/R10/USEPA/US

To: Eric Winiecki/R10/USEPA/US@EPA

Cc: Marie Jennings/R10/USEPA/US@EPA, David Allnutt/R10/USEPA/US@EPA

Date: 08/31/2012 09:51 AM

Subject: Re: Fw: Briefing materials for Steve Chester - Yakima Valley

Attorney Client / Ex. 5 Interestina Attorney Client / Ex. 5 Running it by David too, since Attorney Client / Ex. 5 Any thoughts, David?

Attorney Client / Ex. 5

Thank you.

-Jennifer

at home today Personal Privacy/ Ex. 6

MacDonald.Jennifer@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: macdonald.jennifer@epa.gov

Cc: Marie Jennings/R10/USEPA/US@EPA

08/31/2012 08:39 AM Date:

Fw: Briefing materials for Steve Chester - Yakima Valley Subject:

Jennifer.

Based on Ben's message (below) about what he thinks Steve Chester is looking for in the briefing, I put together Let me know if you have any suggestions for improvement, and I'll send it out to the wider group. Thanks!

Administrative Order on Consent

Attorney Client / Ex. 5

Deliberative Process / Ex. 5

Timing (review schedule)

---- Forwarded by Eric Winiecki/R10/USEPA/US on 08/31/2012 07:46 AM -----

Benjamin Bahk/DC/USEPA/US From: To: Eric Winiecki/R10/USEPA/US@EPA

Jennifer MacDonald/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA, Greg Cc:

Snyder/DC/USEPA/US@EPA, Alan Morrissey/DC/USEPA/US@EPA

08/31/2012 06:16 AM Date:

Subject: Re: Briefing materials for Steve Chester - Yakima Valley

Hi Eric,

thanks for sending the materials. I will forward them on to my management so they have a heads up.

My understanding is that Steve Chester was present for the briefing on June 18 for Cynthia Giles and Nancy Stoner

Attorney Client / Ex. 5

Attorney Client / Ex. 5

Attorney Client / Ex. 5 I'm sure Steve will have some questions and may suggest updating Cynthia as well.

I had planned to be present for the briefing but unfortunately, I will be on travel Wed afternoon so I will not be there. Greg Snyder (Associate Division Director) will be present at the briefing and Alan Morrissey (reviewed the AOC) may be there. Both are copied on this email.

I've forwarded all of the documents you sent me to Greg so he can have hardcopies for Steve. If you make any

changes to the documents before talking with Steve, please let Greg know.

I'm around the rest of today and Tuesday next week if you want to touch base or have further questions.

Ben

Ben Bahk
U.S. Environmental Protection Agency
Office of Civil Enforcement
1200 Pennsylvania Ave. NW Mail Code 2243A
Washington, DC 20460
202.564.4293 (office)
202.564.0024 (fax)

Help eliminate environmental violations - report tips and complaints at:

http://www.epa.gov/compliance/complaints/index.html

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From: Eric Winiecki/R10/USEPA/US
To: bahk.benjamin@epa.gov

Cc: Jennifer MacDonald/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA

Date: 08/30/2012 11:49 AM

Subject: Briefing materials for Steve Chester

Hi Ben.

I'm sending you some materials we're planning to use for the Steve Chester briefing next Wednesday. Most of these will look familiar. I understand there's interest in our communications strategy which is included below. Do you have a sense of whether we should plan to start off the briefing with a formal presentation using the first file below as a guide, or is Steve already familiar with that information and wants to have a more open discussion about the Communications Strategy and the general rollout?

[attachment "Yakima - Briefing HQ June 7.pptx" deleted by Benjamin Bahk/DC/USEPA/US]

[attachment "Yakima Report Comm Strategy August 10 2012.docx" deleted by Benjamin Bahk/DC/USEPA/US]

[attachment "Yakima Report Schedule Rev3[1].pdf" deleted by Benjamin Bahk/DC/USEPA/US]

[attachment "Lower Yakima Valley Groundwater Study_FS_Draft_E[1].pdf" deleted by Benjamin Bahk/DC/USEPA/US]

[attachment "Yakima Report Draft Talking Points August 22 2012.docx" deleted by Benjamin Bahk/DC/USEPA/US]

[attachment "Yakima Report Q's and A's August 22 2012.docx" deleted by Benjamin Bahk/DC/USEPA/US]

Note: All of these files are for internal use only except for the fact sheet (fourth file down) which we plan to release, when it's final, at the public meeting.

Message

From: Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com]

Sent: 8/3/2012 3:03:09 PM

To: Fleming, Sheila [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming, Sheila]

CC: Pongkhamsing, Chan [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=9ad0a00227034724a48626a4417e3cb0-Pongkhamsing, Chan]; Brown,

DonaldM [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=a96eb91092db4b3d892ebdd5514e82a9-Brown, Donald M.]; Winiecki, Eric

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]; Gina Grepo-Grove [Grepo-Grove.GinaLNDU@usepa.onmicrosoft.com]; MacDonald, Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald

Jennifer]

Subject: Re: YV SAFs and CAFs

I think the suggest is good and format good.

Yakima: Phase (either 2 or 3): Analysis: Lab: Date

Labs

UNL

USGS Denver USGS Reston

Ada MEL Cascade

Sheila: Do you need some help to do this?

Michael Cox Office of Environmental Assessment US EPA Region 10, 1200 Sixth Avenue, Suite 900 Seattle, WA 98101 206-553-1597 cox.michael@epa.gov

----Sheila Fleming/R10/USEPA/US wrote: ---To: Jennifer MacDonald/R10/USEPA/US@EPA

From: Sheila Fleming/R10/USEPA/US

Date: 08/03/2012 07:31AM

Cc: Chan Pongkhamsing/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, DonaldM Brown/R10/USEPA/US@EPA, Gina Grepo-

Grove/R10/USEPA/US@EPA Subject: Re: YV SAFs and CAFs

Hi Jennifer.

I like the idea of posting the data validation QA memos to the ftp site. Not only is it easy, but then the public has access to the same info as the dairies. My only suggestion is that we agree on a consistent naming convention for the pdfs before we post them. Right now, the file names are not consistent because they were done at different times by different chemists.

We could do something like...

"YV PH3 pesticides MEL 2011-02-22" or "Yakima PH3 nitrogen solids Cascade 2012-04-11". I think we need to include the date because some analyses were done in batches and the date is the only identifier that will differentiate the file name.

Someone please chime in if you have any other suggestions. Thanks.

Sheila

Shelia Fleming, P.E.
Risk Evaluation Unit Manager
U.S. Environmental Protection Agency
Office of Environmental Assessment
1200 Sixth Avenue, Suite 900, M/S OEA-095
Seattle, Washington 98101

Office: 206.553-1417 Mobile: 206.303.8126

Elennifer MacDonald---08/02/2012 05:59:42 PM---Yes, thank you very much Sheila. I have not sent any of the data validation memos yet. Would we po

From: Jennifer MacDonald/R10/USEPA/US To: Chan Pongkhamsing/R10/USEPA/US@EPA,

Cc: Sheila Fleming/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Eric

Winiecki/R10/USEPA/US@EPA Date: 08/02/2012 05:59 PM Subject: Re: YV SAFs and CAFs

Yes, thank you very much Sheila. I have not sent any of the data validation memos yet. Would we post those to the ftp site too?

Can the documents be emailed to me? I didn't manage to get away and don't have much prospect of that any time soon. But I won't be in the office tomorrow - although maybe for a bit Monday.

-Jennifer.

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

EChan Pongkhamsing---08/02/2012 04:52:39 PM---Thank you Sheila! MacDonald and I will get together when she returns from A/L and go over all the f

From: Chan Pongkhamsing/R10/USEPA/US To: Sheila Fleming/R10/USEPA/US@EPA

Cc: Jennifer MacDonald/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Eric

Winiecki/R10/USEPA/US@EPA Date: 08/02/2012 04:52 PM Subject: Re: YV SAFs and CAFs

Thank you Sheila! MacDonald and I will get together when Personal Privacy/ Ex. 6 and go over all the forms before mailing them to Ms. Gregory and making them public on the respective website.

Thanks again. I know it's been a lot of work.

Chan Pongkhamsing
Aquatic Resources Unit
Ecosystems, Tribal, and Public Affairs Office
United States Environmental Protection Agency
1200 Sixth Ave, Suite 900, Mailstop ETPA-083
Seattle, Washington 98101
phone: (206) 553-1806

圖Sheila Fleming---08/02/2012 04:36:36 PM---Hi Chan,The complete set of SAFs and CAFs matching Table E1 is here: Y:\Black\Yakima\QAPP Deviati

From: Sheila Fleming/R10/USEPA/US

To: Chan Pongkhamsing/R10/USEPA/US@EPA

Cc: Jennifer MacDonald/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA

Date: 08/02/2012 04:36 PM Subject: YV SAFs and CAFs

Hi Chan,

The complete set of SAFs and CAFs matching Table E1 is here: Y:\Black\Yakima\QAPP Deviations SAFs and CAFs. The pdf versions are signed and attachments are included if they were needed as supporting documentation.

There is no CAF for the second item in Table E1 which explains the schedule changes.

The data validation memos are in a subfolder on the share drive. I am not sure if Jennifer sent them yet. Is there anything else you or Jennifer need to respond to the dairy's attorney request for information? Just let me know. Thanks,

Sheila

Shella Fleming, P.E.
Risk Evaluation Unit Manager
U.S. Environmental Protection Agency
Office of Environmental Assessment
1200 Sixth Avenue, Suite 900, M/S OEA-095
Seattle, Washington 98101

Office: 206.553-1417 Mobile: 206.303.8126

Message

From: Stern, Allyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2E2D6F5DF08D4E9ABBFF2C0880407775-STERN, ALLYN]

Sent: 8/29/2012 5:16:58 PM

To: MacDonald, Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer]; Winiecki, Eric

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]; CN=Mike Bussell/OU=R10/O=USEPA/C=US@EPA; Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]

Subject: Fw: Yakima

Hi Jennifer and Eric --

I called OECA to find out whether they had any concerns prior to the briefing for Steve Chester. From the message below, it looks like they are interested in our communication plan. We should send them out plan with any materials for the briefing next week.

For Allyn L. Stern
Regional Counsel
U.S. EPA, Region 10
1200 Sixth Ave, Suite 900
Seattle, WA 98101
desk: 206-553-1223

fax: 206-553-0163 stern.allyn@epa.gov

---- Forwarded by Allyn Stern/R10/USEPA/US on 08/29/2012 10:15 AM ----

From: Kate Anderson/DC/USEPA/US

To: Allyn Stern/R10/USEPA/US@EPA

Cc: Susan Shinkman/DC/USEPA/US@EPA, Pam Mazakas/DC/USEPA/US@EPA, Mark

Pollins/DC/USEPA/US@EPA

Date: 08/29/2012 10:04 AM

Subject: Re: Yakima

Allyn -

I just left you a voicemail on this. We were briefed on the latest involving Yakima Valley on Monday and just want to make sure that Steve and Cynthia know what the plan is and particularly what your communication plan will be. Ben Bahk on WED's staff has been working closely with your folks on this. We have a standing meeting with Steve on next Wednesday at 1 pm EDST and would love for you and your staff to join us by phone. Let me know if this sounds okay to you. Thanks.

Kate Anderson, Deputy Director

Water Enforcement Division Office of Civil Enforcement U. S. EPA 202-564-4016

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From: Allyn Stern/R10/USEPA/US

To: Kate Anderson/DC/USEPA/US@EPA, Susan Shinkman/DC/USEPA/US@EPA

Date: 08/29/2012 12:46 PM

Subject: Yakima

Hi Kate and Susan --

I understand that you were recently briefed on our planned enforcement in the Yakima Valley and may have had some questions, concerns, issues??? I also heard that we are briefing Steve Chester next week, so let me know if you want to discuss anything before that briefing.

Thanks.

Allyn L. Stern Regional Counsel U.S. EPA, Region 10 1200 Sixth Ave, Suite 900 Seattle, WA 98101 desk: 206-553-1223 fax: 206-553-0163 stern.allyn@epa.gov

Message

From: Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com]

Sent: 8/8/2012 10:03:00 PM

To: Fleming, Sheila [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming, Sheila]; MacDonald,

Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer]; Winiecki, Eric

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

CC: Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]

Subject: Fw: Final Tables for Yakima

Attachments: Final Yakima Table 1, Master, All Contaminants in the Lower Yakima Valley Nitrate Project.docx; Final Yakima Table

1A, Detected Subset, All Contaminants in the Lower Yakima Valley Nitrate Project.docx; Final Yakima Table 1B, Not Detected Subset, All Contaminants in the Lower Yakima Valley Nitrate Project.docx; Final Yakima Table 2, Landscape, Master, Regulated Contaminants in the Lower Yakima Valley Nitrate Project.docx; Final Yakima Table 2A, Landscape, Detected Subset, Regulated Contaminants in the Lower Yakima Valley Nitrate Project.docx; Final Yakima Table 2B, Landscape, Not Detected Subset, Regulated Contaminants in the Lower Yakima Valley Nitrate Project.docx; Final Yakima Table 3, Master, Contaminants on the CCL in the Lower Yakima Valley Nitrate Project.docx; Final Yakima Table 4, Master, Contaminants Considered for CCL3 in the Lower Yakima Valley Nitrate Project.docx; Final Yakima Table 4A, Detected Subset, Contaminants Considered for CCL3 in the Lower Yakima Valley Nitrate Project.docx; Final

Yakima Table 5, Detected but Not Regulated or Being Evaluated for Regulation by Drinking Water.docx

Work completed by Fredianne.

Michael Cox Office of Environmental Assessment US EPA Region 10, 1200 Sixth Avenue, Suite 900 Seattle, WA 98101 206-553-1597 cox.michael@epa.gov

---- Forwarded by Michael Cox/R10/USEPA/US on 08/08/2012 03:02 PM ----

From: Fredianne Gray/R10/USEPA/US

To: Michael Cox/R10/USEPA/US@EPA

Date: 08/02/2012 09:45 AM Subject: Final Tables for Yakima

Hi Mike,

Below are the tables with the changes we discussed. One note: Although I added TKN to Table 5 as we discussed

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5 Feel free to make modifications as you would like.

Cheers,

Fredianne















Final Yakima Table Final Yakima







Final Yakima Table Final Yakima Table Final Yakima Table 4, Master, Conta... 4A, Detected Su... 5, Detected but ...

Table 1: All Contaminants Analyzed for by the Lower Yakima Valley Nitrate Project1

Acetaminophen Diazinon Acetophenone Dicamba Acetyl-hexamethyl-tetrahydro-naphthalene (AHTN) 1,4-Dichlorobenzene Acifluorfen 3,5-Dichlorobenzoic acid 2,6-Dichlorobenzonitrile (benzonitrile, 2,6-dichloro-) Alachlor Alkalinity as Calcium Carbonate (CaCO3) 3,4-Dichlorophenyl isocyanate Dichlorprop Ammonia (NH3+NH4) as N Dichlorvos **Amphetamine** Diclofop-methyl (diclofop, methyl) Androstanedienedione Diethyl phthalate 4-Androstenedione 2,6-Dimethylnaphthalene Androsterone Dinoseb Anthracene Diphenhydramine Anthraquinone Diuron Arsenic Endosulfan I Atrazine Endosulfan II Azinphos-methyl **Endosulfan Sulfate** Azithromycin **Epitestosterone** Barium Erythromycin Bentazon Escherichia coli Benzo(a)pyrene (benz[a]pyrene) 17alpha-Estradiol (17-a-estradiol) (a-estradiol) Benzophenone 17beta-Estradiol (17-b-estradiol) Bisphenol A Estriol **Bromacil** Estrone **Bromide** Ethinyl Estradiol (17-a-ethynyl-estradiol) Bromoform bis-(2-Ethylhexyl) phthalate (DEHP) Bromoxynil Fecal coliform 3-tert-Butyl-4-hydroxyanisole (BHA) Fenhexamid Cadmium Fenpropathrin Caffeine Fluoranthene Calcium Fluoride Camphor Hexahydrohexamethyl cyclopentabenzopyran (HHCB) Carbamazepine 17alpha-Hydroxyprogesterone Carbaryl (17a-Hydroxyprogesterone) Carbazole Ibuprofen Chloramben Imidan (Phosmet) Chloride Indole Chlorpyrifos (chlorpyrifos, ethyl) loxynil Chlortetracycline (total) Iron Cholesterol Isoborneol Chromium Isophorone Clopyralid Isopropylbenzene (cumene) Copper Isoquinoline 3beta-Coprostanol (3-beta-coprostanol) Kresoxim-methyl Cotinine Lead 4-Cumylphenol d-Limonene 2,4-D Lincomycin 2,4-DB Magnesium Dacthal (DCPA) Manganese DEET (N,N-Diethyl-meta-toluamide)

MCPA Silver MCPP (Mecoprop-p) Silvex (2,4,5-TP) Melengesterol acetate Simazine beta-Sitosterol Menthol Mercury Sodium beta-Stigmastanol Metalaxyl Methamphetamine Sulfachloropyridazine Methyl salicylate Sulfadimethoxine 5-Methyl-1H-benzotriazole Sulfamerazine Sulfamethazine 3-Methyl-1H-indole (Skatol) Methylnaphthalene (1-methylnaphthalene) Sulfamethazole Sulfamethoxazole 2-Methylnaphthalene Metolachlor Sulfate Metribuzin Sulfathiazole Monensin Surflan (Oryzalin) Myclobutanil 2,4,5-T Naphthalene Terbacil Naproxen Testosterone Nitrate 11-keto Testosterone 2,2',4,4'-Tetrabromodiphenyl ether Nitrite/Nitrate+Nitrite as N (NO₃+NO₂) Tetrachloroethylene 4-Nitrophenol 4-Nonylphenol diethoxylate (NP2EO) 2,3,4,5-Tetrachlorophenol (diethoxynonylphenols-total) 2,3,4,6-Tetrachlorophenol 4-Nonylphenol monoethoxylate (total) (NP1EO) Tetracyline 4-Octylphenol (4-n-octylphenol) Thiabendazole 4-tert-Octylphenol Tiamulin 4-Octylphenol diethoxylate (OP2EO) Total coliform 4-Octylphenol monoethoxylate (OP1EO) Total Kjeldahl Nitrogen 17alpha-Trenbolone Oxyfluorfen Oxytetracycline 17beta-Trenbolone 2,4,5-Trichlorophenol p-cresol p-nonylphenol (total) (para-nonylphenol) 2,4,6-Trichlorophenol Paraxanthine Tributyl phosphate Pendimethalin Trichlopyr Pentachlorophenol Triclosan Perchlorate Triethyl citrate (Ethyl citrate) Phenanthrene Triflumizole Phenol Trifluralin Phosphorus (total) Triphenyl phosphate Picloram Tri(2-butoxyethyl) phosphate (TBEP) Potassium Tri(2-chloroethyl) phosphate (TRCP) Progesterone Tri(dichloroisopropyl) phosphate (TDCPP) Prometon Tylosin Propargite Virginiamycin Pyrene alpha-Zearalenol (a-zearalanol) Ractopamine beta-Zearalenol (b-zearalanol)

Selenium

Zinc

¹ Yellow - Regulated by EPA (see Table 2); Darker Blue - Listed by EPA on one of the Contaminant Candidate Lists (CCLs) (see Table 3); Lighter Blue - Reviewed by EPA but not selected for inclusion on a CCL (see Table 4). Contaminants not highlighted have not been formally considered for regulation by EPA . Previous communication from EPA may have referred to contaminants using the alternate designations contained in parentheses.

<u>Table 1A: Contaminants Detected in Residential Drinking Water Wells</u> <u>by the Lower Yakima Valley Nitrate Project¹</u>

Alachlor	5-Methyl-1 <i>H</i> -benzotriazole
Alkalinity as Calcium Carbonate (CaCO3)	Monensin
Androstanedienedione	Nitrate
Androsterone	Nitrite/Nitrate+Nitrite as N (NO₃+NO₂)
Atrazine	Perchlorate
Barium	Phenol
Bentazon	Phosphorus (total)
Bromide	Potassium
Calcium	Ractopamine
Chloride	Selenium
Chlortetracycline (total)	Sodium
Copper	Sulfamethazine
Epitestosterone	Sulfamethoxazole
Erythromycin	Sulfate
17alpha-Estradiol (17-a-estradiol) (a-estradiol)	Sulfathiazole
17beta-Estradiol (17-b-estradiol)	11-keto Testosterone
bis-(2-Ethylhexyl) phthalate (DEHP)	Testosterone
Fluoride	Tetracyline
loxynil	Tiamulin
Iron	Total coliform
Lincomycin	Tylosin
Magnesium	Virginiamycin
Manganese	Zinc
Mercury	

¹ Yellow - Regulated by EPA (see Table 2); Darker Blue - Listed by EPA on one of the Contaminant Candidate Lists (CCLs) (see Table 3); Lighter Blue - Reviewed by EPA but not selected for inclusion on a CCL (see Table 4). Contaminants not highlighted have not been formally considered for regulation by EPA . Previous communication from EPA may have referred to contaminants using the alternate designations contained in parentheses.

<u>Table 1B: Contaminants Not Detected in Residential Drinking Water Wells</u> <u>by the Lower Yakima Valley Nitrate Project¹</u>

Acetaminophen Acetophenone

Acetyl-hexamethyl-tetrahydro-naphthalene (AHTN)

Acifluorfen

Ammonia (NH3+NH4) as N

Amphetamine

4-Androstenedione

Anthracene

Anthraguinone

Arsenic

Azinphos-methyl

Azithromycin

Benzo(a)pyrene (benz[a]pyrene)

Benzophenone Bisphenol A

Bromacil

Bromoform

Bromoxynil

3-tert-Butyl-4-hydroxyanisole (BHA)

Cadmium

Caffeine

Camphor

Carbamazepine

Carbaryl

Carbazole

Chloramben

Chlorpyrifos (chlorpyrifos, ethyl)

Cholesterol

Chromium

Clopyralid

3beta-Coprostanol (3-beta-coprostanol)

Cotinine

4-Cumylphenol

2,4-D

2,4-DB

Dacthal (DCPA)

DEET (N,N-Diethyl-meta-toluamide)

Diazinon

Dicamba

1,4-Dichlorobenzene

3,5-Dichlorobenzoic acid

2,6-Dichlorobenzonitrile

(benzonitrile, 2,6-dichloro-)

3,4-Dichlorophenyl isocyanate

Dichlorprop

Dichlorvos

Diclofop-methyl (diclofop, methyl)

Diethyl phthalate

2,6-Dimethylnaphthalene

Dinoseb

Diphenhydramine

Diuron

Endosulfan I

Endosulfan II

Endosulfan sulfate

Escherichia coli

Estriol

Estrone

Ethinyl Estradiol (17-a-ethynyl-estradiol)

Fecal coliform

Fenhexamid

Fenpropathrin

Fluoranthene

Hexahydrohexamethyl cyclopentabenzopyran

(HHCB)

17alpha-Hydroxyprogesterone

(17a-hydroxyprogesterone)

Ibuprofen

Imidan (Phosmet)

Indole

Isoborneol

Isophorone

Isopropylbenzene (Cumene)

Isoquinoline

Kresoxim-methyl

Lead

d-Limonene

MCPA

MCPP (Mecoprop-p)

Melengesterol acetate

Menthol

Metalaxyl

Methamphetamine

Methyl salicylate

3-Methyl-1H-indole (Skatol)

Methylnaphthalene (1-methylnaphthalene)

2-Methylnaphthalene

Metolachior

Metribuzin

Myclobutanil

Naphthalene

Naproxen

4-Nitrophenol

4-Nonylphenol diethoxylate (NP2EO)

(diethoxynonylphenols-total) 4-Nonylphenol monoethoxylate (total) (NP1EO) 4-Octylphenol (4-n-octylphenol) 4-tert-Octylphenol 4-Octylphenol diethoxylate (OP2EO) 4-Octylphenol monoethoxylate (OP1EO) Oxyfluorfen Oxytetracycline para-Cresol para-nonylphenol (total) (para-nonylphenol) Paraxanthine Pendimethalin Pentachlorophenol Phenanthrene **Picloram** Progesterone Prometon Propargite Pyrene Silver Silvex (2,4,5-TP) Simazine beta-Sitosterol beta-Stigmastanol Sulfachloropyridazine Sulfadimethoxine Sulfamerazine

Sulfamethazole
Surflan (Oryzalin)
2,4,5-T
Terbacil
2,2',4,4'-Tetrabromodiphenyl ether
Tetrachloroethylene

2,3,4,5-Tetrachlorophenol 2,3,4,6-Tetrachlorophenol Thiabendazole

Total Kjeldahl Nitrogen

17alpha-Trenbolone 17beta-Trenbolone

2,4,5-Trichlorophenol 2,4,6-Trichlorophenol

Tri(2-butoxyethyl) phosphate (TBEP)
Tri(2-chloroethyl) phosphate (TRCP)
Tri(dichloroisopropyl) phosphate (TDCPP)

Tributyl phosphate

Trichlopyr Triclosan

Triethyl citrate (Ethyl citrate)

Triflumizole

Trifluralin

Triphenyl phosphate

alpha-Zearalenol (a-zearalanol) beta-Zearalenol (b-zearalanol)

¹ Yellow - Regulated by EPA (see Table 2); Darker Blue - Listed by EPA on one of the Contaminant Candidate Lists (CCLs) (see Table 3); Lighter Blue - Reviewed by EPA but not selected for inclusion on a CCL (see Table 4). Contaminants not highlighted have not been formally considered for regulation by EPA . Previous communication from EPA may have referred to contaminants using the alternate designations contained in parentheses.

<u>Table 2: Regulated Contaminants Analyzed for by the Lower Yakima Valley Nitrate Project</u>¹

Contaminants Regulated By National Primary Drinking Water Regulations

National Primary Drinking Water Regulations are enforceable standards which are established to protect the public against consumption of drinking water contaminants that present a risk to human health.

Contaminant	Concentration Range, When Detected ²	MCLG ^{2,3}	MCL ^{2,3} or TT ²	Potential Health Effects from Long- Term Exposure (unless specified as short-term) Above the MCL	Major Sources of Contamination in Drinking Water
Alachlor	0.048-0.057 ug/L	zero	2 ug/L	Eye, liver, kidney or spleen problems; anemia; increased risk of cancer	Runoff from herbicide used on row crops
Arsenic	Not detected	zero	0.010 mg/L	Skin damage or circulatory system problems; increased risk of cancer	Erosion of natural deposits; runoff from orchards, runoff from glass & electronics production wastes
Atrazine	0.015-0.11 ug/L	3 ug/L	3 ug/L	Cardiovascular system or reproductive problems	Runoff from herbicide used on row crops
Barium	0.0087-0.243 mg/L	2 mg/L	2 mg/L	Increase in blood pressure	Discharge of drilling wastes; discharge from metal refineries; erosion of natural deposits
Benzo(a) pyrene	Not detected	zero	0.0002 mg/L	Reproductive difficulties; increased risk of cancer	Leaching from linings of water storage tanks and distribution lines
Bromoform	Not detected	zero	0.080 ⁴ mg/L	Liver, kidney or central nervous system problems; increased risk of cancer	Byproduct of drinking water disinfection
Cadmium	Not detected	0.005 mg/L	0.005 mg/L	Kidney damage	Corrosion of galvanized pipes; erosion of natural deposits; discharge from metal refineries; runoff from waste batteries and paints
Chromium	Not detected	0.1 mg/L	0.1 mg/L	Allergic dermatitis	Discharge from steel and pulp mills; erosion of natural deposits

Copper ⁵	0.0328	1.3	TT; Action	Short term exposure:	Corrosion of household plumbing
	mg/L	mg/L	Level = 1.3	Gastrointestinal distress	systems; erosion of natural
			mg/L		deposits
				Long term exposure: Liver or kidney	
				damage	
				People with Wilson's Disease should	
				consult their personal doctor if the	
				amount of copper in their water	
				exceeds the action level	
2,4-D	Not detected	0.07 mg/L	0.07 mg/L	Kidney, liver or adrenal gland	Runoff from herbicide used on
				problems	row crops
Dinoseb	Not detected	0.007	0.007	Reproductive difficulties	Runoff from herbicide used on
		mg/L	mg/L		soybeans and vegetables
Escherichia coli	Not detected	zero	Not	E. coli is regulated with the group of	Human and animal fecal waste
(E. coli)			applicable	pathogens called coliforms. The	
			for	presence of <i>E. coli</i> indicates that the	
			individual	water may be contaminated with	
			wells	human or animal wastes.	
				Short term exposure: Microbes in	
				these wastes can cause short-term	
				effects such as diarrhea, cramps,	
				nausea, headaches or other	
				symptoms. They may pose a special	
				health risk for infants, young	
				children, some of the elderly, and	
				people with severely compromised	
				immune systems.	
bis-(2-Ethylhexyl)	1.03-5.26 ug/L	zero	6 ug/L	Reproductive difficulties; liver	Discharge from rubber and
phthalate				problems; increased risk of cancer	chemical factories

Fecal coliform	Not detected	zero	Not applicable for individual wells	Fecal coliforms are regulated with the group of pathogens called coliforms. The presence of fecal coliforms indicates that the water may be contaminated with human or animal wastes. Short term exposure: Microbes in these wastes can cause short-term effects such as diarrhea, cramps, nausea, headaches or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.	Human and animal fecal waste
Fluoride ⁵	0.106-0.721 mg/L	4.0 mg/L	4.0 mg/L	Bone disease including pain and tenderness of the bones; children may get mottled teeth	Water additive which promotes strong teeth; erosion of natural deposits; discharge from fertilizer and aluminum factories
Lead	Not detected	zero	TT; Action Level = 1.3 mg/L	Infants and children: Delays in physical or mental development; children could show slight deficits in attention span and learning abilities Adults: Kidney problems; high blood pressure	Corrosion of household plumbing systems; erosion of natural deposits
Mercury	0.077-0.106 ug/L	2 ug/L	2 ug/L	Kidney damage	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and croplands

Nitrate ¹ Nitrate + Nitrite as N (NO ₃ + NO ₂) ¹	0.38-71.2 mg/L 0.391-76 mg/L	10 mg/L	10 mg/L	Short term exposure: Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.	Runoff from fertilizer use; leaking from septic tanks, sewage; erosion of natural deposits
Pentachlorophenol	Not detected	zero	0.001 mg/L	Liver or kidney problems; increased cancer risk	Discharge from wood preserving factories
Picloram	Not detected	0.5 mg/L	0.5 mg/L	Liver problems	Herbicide runoff
Selenium ¹	0.055-0.072 mg/L	0.050 mg/L	0.050 mg/L	Hair or fingernail loss; numbness in fingers or toes; circulatory problems	Discharge from petroleum refineries; erosion of natural deposits; discharge from mines
Silvex (2,4,5-TP)	Not detected	0.05 mg/L	0.05 mg/L	Liver problems	Residue of banned herbicide
Simazine	Not detected	zero	0.004 mg/L	Blood problems	Herbicide runoff
Tetrachloroethylene	Not detected	zero	0.005 mg/L	Liver problems; increased risk of cancer	Discharge from factories and dry cleaners
Total Coliform	2-23.8 per 100ml	zero	Not applicable for individual wells	Not a health threat in themselves, total coliforms are an indicator that potentially harmful bacteria may be present.	Coliforms are bacteria that are naturally present in the environment as well as in feces.

¹ Highlighted contaminants were detected at concentrations greater than their MCLs. Selenium was detected above the MCL in two wells.

² Units are in milligrams per liter (mg/L) or micrograms per liter (ug/L). Milligrams per liter are equivalent to parts per million; micrograms per liter are equivalent to parts per billion.

³ A Maximum Contaminant Level Goal (MCLG) is the level of a contaminant in drinking water below which there are no known or anticipated adverse health effects and which allows for an adequate margin of safety. MCLGs are non-enforceable health goals. A Maximum Contaminant Level (MCL) is the maximum permissible level of a contaminant in water which is delivered to any user of a public water system. MCLs are enforceable standards and are set as close to MCLGs as feasible using the best available treatment technology, taking cost into consideration. A Treatment Technique (TT) is a required process for reduction of the level of a contaminant in drinking water.

⁴ 0.080 mg/L is the MCL for the sum of the concentrations of four trihalomethanes, as an annual average. These trihalomethanes are byproducts of drinking water disinfection (bromodichloromethane, bromoform, dibromochloromethane and chloroform).

⁵ These contaminants are also regulated by National Secondary Drinking Water Regulations.

Contaminants Regulated By National Secondary Drinking Water Regulations¹

National Secondary Drinking Water Regulations are non-mandatory water quality standards which establish "secondary maximum contaminant levels" (SMCLs) only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color and odor. These contaminants are not considered to present a risk to human health at the SMCL.

Contaminant	Concentration	SMCL	Noticeable Effects above the SMCL
	Detected		
Chloride	2.38-130 mg/L	250 mg/L	salty taste
Copper ²	0.0328 mg/L	1.0 mg/L	metallic taste; blue-green staining
Fluoride ²	0.106-0.721 mg/L	2.0 mg/L	tooth discoloration
Iron	27-194 ug/L	300 ug/L	rusty color; sediment; metallic taste; reddish or orange staining
Manganese ³	2.1-22.4 ug/L	50 mg/L	black to brown color; black staining; bitter metallic taste
Silver	Not detected	0.10 mg/L	skin discoloration; graying of the white part of the eye
Sulfate ¹	3.51-386 mg/L	250 mg/L	salty taste
Zinc	9-471 ug/L	5000 mg/L	metallic taste

 $^{^{1}\,\}mathrm{Highlighted}$ contaminants were detected at concentrations greater than their MCLs.

² This contaminant is also regulated by National Primary Drinking Water Regulations.

³ This contaminant is also on the Contaminant Candidate list (CCL) to be considered for inclusion in National Primary Drinking Water Regulations.

<u>Table 2A: Regulated Contaminants Detected in Residential Drinking Water Wells</u> <u>by the Lower Yakima Valley Nitrate Project¹</u>

Contaminants Regulated By National Primary Drinking Water Regulations

National Primary Drinking Water Regulations are enforceable standards which are established to protect the public against consumption of drinking water contaminants that present a risk to human health.

Contaminant	Concentration	MCLG ^{2,3}	MCL ^{2,3}	Potential Health Effects from Long-	Sources of Contamination in
	Range, When		or TT²	Term (unless specified as short-term)	Drinking Water
	Detected ²			Exposure Above the MCL	
Alachlor	0.048-0.057	zero	2 ug/L	Eye, liver, kidney or spleen problems;	Runoff from herbicide used on
	ug/L			anemia; increased risk of cancer	row crops
Atrazine	0.015-0.11	3 ug/L	3 ug/L	Cardiovascular system or reproductive	Runoff from herbicide used on
	ug/L			problems	row crops
Barium	0.0087-243	2 mg/L	2mg/L	Increase in blood pressure	Discharge of drilling wastes;
	mg/L				discharge from metal refineries;
					erosion of natural deposits
Copper ⁴	0.0328 mg/L	1.3	TT;	Short term exposure: Gastrointestinal	Corrosion of household plumbing
		mg/L	Action	distress	systems; erosion of natural
			Level = 1.3		deposits
			mg/L	Long term exposure: Liver or kidney	
				damage	
				People with Wilson's Disease should	
				consult their personal doctor if the	
				amount of copper in their water	
				exceeds the action level	
bis-(2-Ethylhexyl)	1.03-5.26 ug/L	zero	6 ug/L	Reproductive difficulties; liver	Discharge from rubber and
phthalate				problems; increased risk of cancer	chemical factories
Fluoride ⁴	0.106-0.721	4.0	4.0 mg/L	Bone disease including pain and	Water additive which promotes
	mg/L	mg/L		tenderness of the bones; children may	strong teeth; erosion of natural
				get mottled teeth	deposits; discharge from
					fertilizer and aluminum factories

Mercury	0.077-0.106 ug/L	2 ug/L	2 ug/L	Kidney damage	Erosion of natural deposits; discharge from refineries and factories; runoff from landfills and croplands
Nitrate ¹ Nitrate + Nitrite as N (NO ₂ + NO ₃) ¹	0.38-71.2 mg/L 0.391-76 mg/L	10 mg/L	10 mg/L	Short term exposure: Infants below the age of six months who drink water containing nitrate in excess of the MCL could become seriously ill and, if untreated, may die. Symptoms include shortness of breath and blue-baby syndrome.	Runoff from fertilizer use; leaking from septic tanks, sewage; erosion of natural deposits
Selenium ¹	0.055-0.072 mg/L	0.050 mg/L	0.050 mg/L	Hair or fingernail loss; numbness in fingers or toes; circulatory problems	Discharge from petroleum refineries; erosion of natural deposits; discharge from mines
Total coliform	2-23.8 per 100ml	zero	Not applicable for individual wells	Not a health threat in themselves, total coliforms are an indicator that potentially harmful bacteria may be present.	Coliforms are bacteria that are naturally present in the environment as well as in feces.

¹ Highlighted contaminants were detected at concentrations greater than their MCLs. Selenium was detected above the MCL in two wells.

² Units are in milligrams per liter (mg/L) or micrograms per liter (ug/L). Milligrams per liter are equivalent to parts per million; micrograms per liter are equivalent to parts per billion.

³ A Maximum Contaminant Level Goal (MCLG) is the level of a contaminant in drinking water below which there are no known or anticipated adverse health effects and which allows for an adequate margin of safety. MCLGs are non-enforceable health goals. A Maximum Contaminant Level (MCL) is the maximum permissible level of a contaminant in water which is delivered to any user of a public water system. MCLs are enforceable standards and are set as close to MCLGs as feasible using the best available treatment technology, taking cost into consideration. A Treatment Technique (TT) is a required process for reduction of the level of a contaminant in drinking water.

⁴ 0.080 mg/L is the MCL for the sum of the concentrations of four trihalomethanes, as an annual average. These trihalomethanes are byproducts of drinking water disinfection (bromodichloromethane, bromoform, dibromochloromethane and chloroform).

⁵ These contaminants are also regulated by National Secondary Drinking Water Regulations.

Contaminants Regulated By National Secondary Drinking Water Regulations

National Secondary Drinking Water Regulations are non-mandatory water quality standards which establish "secondary maximum contaminant levels" (SMCLs) only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color and odor. These contaminants are not considered to present a risk to human health at the SMCL.

Contaminant	Concentration	SMCL	Noticeable Effects above the SMCL
	Detected		
Chloride	2.38-130 mg/L	250 mg/L	salty taste
Copper ¹	0.0328 mg/L	1.0 mg/L	metallic taste; blue-green staining
Fluoride ¹	0.106-0.721 mg/L	2.0 mg/L	tooth discoloration
Iron	27-194 ug/L	300 ug/L	rusty color; sediment; metallic taste; reddish or orange staining
Manganese ²	2.1-22.4 ug/L	50 mg/L	black to brown color; black staining; bitter metallic taste
Sulfate ³	3.51-386 mg/L	250 mg/L	salty taste
Zinc	9-471 ug/L	5000 mg/L	metallic taste

¹ This contaminant is also regulated by National Primary Drinking Water Regulations.

² This contaminant is also on the Contaminant Candidate list (CCL) to be considered for inclusion in National Primary Drinking Water Regulations.

³ Sulfate was detected at concentrations greater than the SMCL.

<u>Table 2B: Regulated Contaminants Not Detected in Residential Drinking Water Wells</u> <u>by the Lower Yakima Valley Nitrate Project</u>

Contaminants Regulated By National Primary Drinking Water Regulations

National Primary Drinking Water Regulations are enforceable standards which are established to protect the public against consumption of drinking water contaminants that present a risk to human health.

Contaminant	Concentration	MCLG ^{1,2}	MCL ^{1,2}	Potential Health Effects from Long-Term	Sources of Contamination
	Detected		or TT¹	Exposure Above the MCL	in Drinking Water
Arsenic	Not detected	zero	0.010 mg/L	Skin damage or circulatory system	Erosion of natural deposits;
				problems; increased risk of cancer	runoff from orchards, runoff
					from glass & electronics
					production wastes
Benzo(a)pyrene	Not detected	zero	0.0002 mg/L	Reproductive difficulties; increased risk of	Leaching from linings of
				cancer	water storage tanks and
					distribution lines
Bromoform	Not detected	zero	0.080 ³ mg/L	Liver, kidney or central nervous system	Byproduct of drinking water
				problems; increased risk of cancer	disinfection
Cadmium	Not detected	0.005	0.005 mg/L	Kidney damage	Corrosion of galvanized
		mg/L			pipes; erosion of natural
					deposits; discharge from
					metal refineries; runoff
					from waste batteries and
					paints
Chromium	Not detected	0.1 mg/L	0.1 mg/L	Allergic dermatitis	Discharge from steel and
					pulp mills; erosion of
					natural deposits
2,4-D	Not detected	0.07	0.07 mg/L	Kidney, liver or adrenal gland problems	Runoff from herbicide used
		mg/L			on row crops
Dinoseb	Not detected	0.007	0.007 mg/L	Reproductive difficulties	Runoff from herbicide used
		mg/L			on soybeans and vegetables

Escherichia coli (E. coli)	Not detected	zero	Not applicable for individual wells	E. coli is regulated with the group of pathogens called coliforms. The presence of E. coli indicates that the water may be contaminated with human or animal wastes. Short term exposure: Microbes in these wastes can cause short-term effects such as diarrhea, cramps, nausea, headaches	Human and animal fecal waste
				or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.	
Fecal Coliform	Not detected	zero	Not applicable for individual wells	Fecal coliforms are regulated with the group of pathogens called coliforms. The presence of fecal coliforms indicates that the water may be contaminated with human or animal wastes.	Human and animal fecal waste
				Short term exposure: Microbes in these wastes can cause short-term effects such as diarrhea, cramps, nausea, headaches or other symptoms. They may pose a special health risk for infants, young children, some of the elderly, and people with severely compromised immune systems.	

Lead	Not detected	zero	TT; Action Level = 1.3 mg/L	Infants and children: Delays in physical or mental development; children could show slight deficits in attention span and learning abilities Adults: Kidney problems; high blood pressure	Corrosion of household plumbing systems; erosion of natural deposits
Pentachlorophenol	Not detected	zero	0.001 mg/L	Liver or kidney problems; increased cancer risk	Discharge from wood preserving factories
Picloram	Not detected	0.5 mg/L	0.5 mg/L	Liver problems	Herbicide runoff
Silvex (2,4,5-TP)	Not detected	0.05 mg/L	0.05 mg/L	Liver problems	Residue of banned herbicide
Simazine	Not detected	zero	0.004 mg/L	Blood problems	Herbicide runoff
Tetrachloroethylene	Not detected	zero	0.005 mg/L	Liver problems; increased risk of cancer	Discharge from factories and dry cleaners

A Maximum Contaminant Level Goal (MCLG) is the level of a contaminant in drinking water below which there are no known or anticipated adverse health effects and which allows for an adequate margin of safety. MCLGs are non-enforceable health goals. A Maximum Contaminant Level (MCL) is the maximum permissible level of a contaminant in water which is delivered to any user of a public water system. MCLs are enforceable standards and are set as close to MCLGs as feasible using the best available treatment technology, taking cost into consideration. A Treatment Technique (TT) is a required process for reduction of the level of a contaminant in drinking water.

Contaminants Regulated By National Secondary Drinking Water Regulations

National Secondary Drinking Water Regulations are non-mandatory water quality standards which establish "secondary maximum contaminant levels" (SMCLs) only as guidelines to assist public water systems in managing their drinking water for aesthetic considerations, such as taste, color and odor. These contaminants are not considered to present a risk to human health at the SMCL.

Contaminant	Concentration	SMCL	Noticeable Effects above the SMCL	
	Detected			
Silver	Not detected	0.10 mg/L	skin discoloration; graying of the white part of the eye	

² Units are in milligrams per liter (mg/L) or micrograms per liter (ug/L). Milligrams per liter are equivalent to parts per million; micrograms per liter are equivalent to parts per billion.

³ 0.080 mg/L is the MCL for the sum of the concentrations of four trihalomethanes, as an annual average. These trihalomethanes are byproducts of drinking water disinfection (bromodichloromethane, bromoform, dibromochloromethane and chloroform).

<u>Table 3: Contaminants on the Contaminant Candidate List Analyzed for</u> <u>by the Lower Yakima Valley Nitrate Project¹</u>

Every 5 years EPA is required to assess at least 5 contaminants from the Contaminant Candidate List (CCL) for regulation. This assessment is based on factors including toxicity, occurrence, and analytical method availability. In addition, regulation of the contaminant must present a meaningful opportunity for health risk reduction. Contaminants not on the CCL may also be considered for regulation but do not count toward the minimum 5 CCL contaminants that must be assessed.

Contaminant	Concentration Range ²	Contaminant Type	CCL Status	Comments
3-tert-Butyl-4-	Not detected	Organic Chemical	CCL 3	none
hydroxyanisole (BHA)				
Diazinon	Not detected	Pesticide	CCL 1, CCL 2	Did not meet CCL 3 criteria
Diuron	Not detected	Pesticide/Herbicide	CCL 1, CCL 2, CCL 3	none
Erythromycin	0.11-0.185 ug/L	Pharmaceutical	CCL 3	none
17alpha-Estradiol	0.005 ug/L	Hormone	CCL 3	none
17beta-Estradiol	0.006 ug/L	Hormone	CCL 3	none
Estriol	Not detected	Hormone	CCL 3	none
Estrone	Not detected	Hormone	CCL 3	none
Ethinyl Estradiol	Not detected	Hormone	CCL 3	none
Manganese	2.1-22.4 ug/L	Inorganic Metal	CCL 1, CCL 3	Past negative regulatory determination (CCL 1); also regulated by NSDWR ³
Metolachlor	Not detected	Pesticide/Herbicide	CCL 1, CCL 2, CCL 3	none
Metribuzin	Not detected	Pesticide/Herbicide	CCL 1	Past negative regulatory determination (CCL 1); did not meet CCL 3 criteria
Naphthalene	Not detected	Organic Chemical	CCL 1	Past negative regulatory determination (CCL 1); did not meet CCL 3 criteria
Perchlorate	0.060-4.69 ug/L	Inorganic Salt	CCL 1, CCL 2, CCL 3	NPDWR ⁴ in development
Prometon	Not detected	Pesticide/Herbicide	CCL 1, CCL 2	Did not meet CCL 3 criteria
Sodium	5130-112,000 ug/L	Inorganic Metal	CCL 1	Past negative regulatory determination (CCL 1); did not meet CCL 3 criteria
Sulfate	3.51-386 mg/L	Inorganic Salt	CCL 1	Past negative regulatory determination (CCL 1); did not meet CCL 3 criteria; also regulated by NSDWR
Terbacil	Not detected	Pesticide/Herbicide	CCL 1, CCL 2	Past negative regulatory determination (CCL 2)
2,4,6-Trichlorophenol	Not detected	Pesticide/Herbicide	CCL 1, CCL 2	Did not meet CCL 3 criteria

¹ Highlighted contaminants were detected in residential well water by the Lower Yakima Valley Nitrate Project

² Units are in milligrams per liter (mg/L) or micrograms per liter (ug/L). Milligrams per liter are equivalent to parts per million; micrograms per liter are equivalent to parts per billion.

³ National Secondary Drinking Water Regulation

⁴ National Primary Drinking Water Regulation

<u>Table 4: Contaminants Considered for but Not Included on Candidate Contaminant</u> <u>List 3 that were Analyzed for by the Lower Yakima Valley Nitrate Project¹</u>

To develop a Contaminant Candidate List (CCL), EPA first creates a "universe" of potential drinking water contaminants². This universe is then narrowed to create a Preliminary Contaminant Candidate List (PCCL) using criteria such as potential occurrence in public water supplies and potential to cause adverse health effects. As part of the process the public is also invited to nominate chemicals³. The nominations are then assessed using these same criteria to determine if they will be included on the PCC. PCCL contaminants are then prioritized based on potential for occurrence, potential for adverse health effects, and data quality⁴ and a draft CCL is published in the Federal Register. Public comment is requested on this draft. As a result of comments on the draft CCL 3, 30 chemicals were added to the initial chemical universe and the chemicals in the universe again evaluated for CCL suitability. A final CCL is then published in the Federal Register.

Acetaminophen	Dichlorvos
Acetophenone	Diclofop-methyl
Acetyl-hexamethyl-tetrahydro-naphthalene (AHTN)	Diethyl phthalate
Ammonia (NH3+NH4) as N	2,6-Dimethylnaphthalene
4-Androstenedione	Endosulfan I
Anthracene	Endosulfan II
Anthraquinone	Endosulfan Sulfate
Azinphos-methyl	Fenpropathrin
Azithromycin	Fluoranthene
Bentazon ⁵	Hexahydrohexamethyl cyclopentabenzopyran
Benzophenone	(HHCB)
Bisphenol A	Ibuprofen
Bromacil	Imidan (Phosmet)
Bromoxynil	Indole
Caffeine	Isoborneol
Calcium ⁵	Isophorone
Camphor	Isopropylbenzene (cumene)
Carbamazepine	Isoquinoline
Carbaryl	Kresoxim-methyl
Carbazole	d-Limonene
Chloramben	Lincomycin ⁵
Chlorpyrifos	Magnesium ⁵
Cholesterol	MCPA
Clopyralid	MCPP (Mecoprop-p)
3beta-Coprostanol	Menthol
4-Cumylphenol	Metalaxyl
2,4-DB	5-Methyl-1 <i>H</i> -benzotriazole ⁵
Dacthal (DCPA)	3-methyl-1 <i>H</i> -indole (Skatol)
DEET (N,N-Diethyl-meta-toluamide)	Methylnaphthalene
Diazinon	2-Methylnaphthalene
Dicamba	Metribuzin
3,5-Dichlorobenzoic acid	Methyl salicylate
2,6-Dichlorobenzonitrile	Myclobutanil
3,4-Dichlorophenyl isocyanate	Naphthalene
Dichlorprop	Naproxen

4-Nitrophenol 4-Nonylphenol diethoxylate (NP2EO) Oxytetracycline 4-Octylphenol 4-tert-Octylphenol 4-Octylphenol diethoxylate (OP2EO) 4-Octylphenol monoethoxylate (OP1EO) para-Cresol para-Nonylphenol (total) Paraxanthine (1, 7-Dimethylxanthine) Pendimethalin Phenanthrene Phenol⁵ Potassium⁵ Progesterone Prometon Propargite Pyrene beta-Sitosterol beta-Stigmastanol Sulfadimethoxine Sulfamerazine Sulfamethazine5

Sulfamethizole
Sulfamethoxazole ⁵
Sulfathiazole ⁵
Surflan (Oryzalin)
2,4,5-T
Testosterone ⁵
2,2',4,4'-Tetrabromodiphenyl ether
2,3,4,5-Tetrachlorophenol
2,3,4,6-Tetrachlorophenol
Tetracyline ⁵
Thiabendazole
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
Tris(2-butoxyethyl) phosphate
Tris(2-chloroethyl) phosphate
Tris(dichloroisopropyl) phosphate
Tributyl phosphate
Trichlopyr
Triclosan
Triethyl citrate (Ethyl citrate)
Trifluralin
Triphenyl phosphate

¹ While the risks associated with these contaminants at their current concentrations may not be known, EPA is working to improve its understanding of these contaminants.

Tylosin⁵

² Contaminants not highlighted were included in EPA's CCL 3 Universe but did not meet criteria for further progression toward the CCL.

³ Gray – The contaminant was nominated by the public but did not meet criteria for further progression toward the CCL.

⁴ Green – The contaminant was included on the Final Preliminary Contaminant Candidate List. It may have been part of EPA's CCL 3 Universe or may have been nominated by the public.

⁵ Detected by the Lower Yakima Valley Nitrate Project, see Table 4A for additional information.

<u>Table 4A: Contaminants Considered for but Not Included on Candidate Contaminant List 3 that were Detected in Residential Drinking Water Wells by the Lower Yakima Valley Nitrate Project¹</u>

To develop a Contaminant Candidate List (CCL), EPA first creates a "universe" of potential drinking water contaminants². This universe is then narrowed to create a Preliminary Contaminant Candidate List (PCCL) using criteria such as potential occurrence in public water supplies and potential to cause adverse health effects. As part of the process the public is also invited to nominate chemicals³. The nominations are then assessed using these same criteria to determine if they will be included on the PCC. PCCL contaminants are then prioritized based on potential for occurrence, potential for adverse health effects, and data quality⁴ and a draft CCL is published in the Federal Register. Public comment is requested on this draft. As a result of comments on the draft CCL 3, 30 chemicals were added to the initial chemical universe and the chemicals in the universe again evaluated for CCL suitability. A final CCL is then published in the Federal Register.

Contaminant	Concentration Range ²	Contaminant Type	CCL Status
Bentazon	0.015-0.091 ug/L	Pesticide/Herbicide	Final PCCL 3, not listed
Calcium	20.8-23.8 mg/L	Inorganic Metal	CCL 3 Universe, not listed
Lincomycin	0.059-0.326 ug/L	Pharmaceutical	CCL 3 Nominated, not listed
Magnesium	74.1-85.5 mg/L	Inorganic Metal	CCL 3 Universe, not listed
5-Methyl-1 <i>H-</i> benzotriazole	1.6 ug/L	Trace Organic	CCL 3 Universe, not listed
Phenol	1.42 ug/L	Trace Organic	CCL 3 Universe, not listed
Potassium	1.9-11.7 mg/L	Inorganic Metal	Final PCCL 3, not listed
Sulfamethazine	0.053-0.055 ug/L	Pharmaceutical	CCL 3 Nominated, not listed
Sulfamethoxazole	0.04 ug/L	Pharmaceutical	CCL 3 Nominated, not listed
Sulfathiazole	0.037-0.051 ug/L	Pharmaceutical	CCL 3 Nominated, not listed
Testosterone	0.004-0.075 ug/L	Hormone	CCL 3 Nominated, not listed
Tetracycline	0.038-0.075 ug/L	Pharmaceutical	CCL 3 Nominated, not listed
Tylosin	0.029 ug/L	Pharmaceutical	CCL 3 Nominated, not listed

¹ While the risks associated with these contaminants at their current concentrations may not be known, EPA is working to improve its understanding of these contaminants.

² Contaminants not highlighted were included in EPA's CCL 3 Universe but did not meet criteria for further progression toward the CCL.

³ Gray – The contaminant was nominated by the public but did not meet criteria for further progression toward the CCL.

⁴ Green – The contaminant was included on the Final Preliminary Contaminant Candidate List. It may have been part of EPA's CCL 3 Universe or may have been nominated by the public.

<u>Table 5: Contaminants Detected in Residential Drinking Water Wells by the Lower Yakima Valley Nitrate Project that are Not Currently Regulated or Being Evaluated for Regulation by the Drinking Water Program¹</u>

Contaminant	Concentration Range ²	Chemical Type
Alkalinity as Calcium Carbonate (CaCO₃)	78-604 mg/L	Water Quality Parameter
Androstanedienedione	0.004 ug/L	Hormone
Androsterone	0.004-0.019 ug/L	Hormone
Bromide	0.248-1.36 mg/L	Inorganic Anion
Chlortetracycline (total)	0.049-0.119 ug/L	Pharmaceutical
Epitestosterone	0.004 ug/L	Hormone
Ioxynil	0.0063 ug/L	Pesticide/Herbicide
Monensin	0.033-1.62 ug/L	Pharmaceutical
Phosphorus (total)	0.02-0.101 mg/L	Inorganic Nonmetal
Ractopamine	0.061-0.079 ug/L	Pharmaceutical
11-keto Testosterone	0.005 ug/L	Hormone
Tiamulin	0.029-0.05 ug/L	Pharmaceutical
Total Kjeldahl Nitrogen	Not available	Water Quality Parameter
Virginiamycin	0.029-0.162 ug/L	Pharmaceutical

¹ While the risks associated with these contaminants at their current concentrations may not be known, EPA is working to improve its understanding of these contaminants.

² Units are in milligrams per liter (mg/L) or micrograms per liter (ug/L). Milligrams per liter are equivalent to parts per million; micrograms per liter are equivalent to parts per billion.

Stern, Allyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2E2D6F5DF08D4E9ABBFF2C0880407775-STERN, ALLYN]

Sent: 8/28/2012 10:33:33 PM

To: MacDonald, Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer]

CC: Allnutt, David [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=6e28f5bf9cbf4b8b9eda7751c2f10750-Allnutt, David]

Subject: Re: Fw: Yakima Valley update for Steve Chester, OECA Deputy Administrator

I'll join you. Susan Shenkman is the new OCE director. She is probably the one you were mentioning in your vm.

Allyn L. Stern Regional Counsel U.S. EPA, Region 10 1200 Sixth Ave, Suite 900 Seattle, WA 98101 desk: 206-553-1223

fax: 206-553-0163 stern.allyn@epa.gov

From: Jennifer MacDonald/R10/USEPA/US

To: Allyn Stern/R10/USEPA/US@EPA, David Allnutt/R10/USEPA/US@EPA

08/28/2012 03:12 PM Date:

Subject: Fw: Yakima Valley update for Steve Chester, OECA Deputy Administrator

FYI - apparently Eric and I have been asked to provide an update for Steve Chester.

-Jennifer Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311

MacDonald.Jennifer@epa.gov

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 08/28/2012 03:11 PM -----

From: Benjamin Bahk/DC/USEPA/US

To: Eric Winiecki/R10/USEPA/US@EPA Co: Jennifer MacDonald/R10/USEPA/US@EPA

08/28/2012 11:03 AM Date:

Subject: Yakima Valley update for Steve Chester, OECA Deputy Administrator Hi Eric,

per our discussion earlier, here is the information for the date and time for the briefing with Steve to update him on the latest in the Yakima Valley case.

Wednesday, Sept. 5 1-2pm EST.

Personal Privacy/ Ex. 6

Thanks, Ben

Ben Bahk
U.S. Environmental Protection Agency
Office of Civil Enforcement
1200 Pennsylvania Ave. NW Mail Code 2243A
Washington, DC 20460
202.564.4293 (office)
202.564.0024 (fax)

Help eliminate environmental violations - report tips and complaints at:

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From: Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com]

Sent: 6/7/2012 1:41:34 PM

To: Fleming, Sheila [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming, Sheila]

CC: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]; MacDonald, Jennifer

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer]; Jennings, Marie

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]

Subject: Re: Fw: Yakima report: Draft Q's and A's - Comments due COB Wednesday June 6th

Deliberative Process / Ex. 5

Michael Cox
Office of Environmental Assessment
US EPA Region 10, 1200 Sixth Avenue, Suite 900
Seattle, WA 98101
206-553-1597
cox.michael@epa.gov

From: Sheila Fleming/R10/USEPA/US

To: Eric Winiecki/R10/USEPA/US@EPA

Co: Jennifer MacDonald/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA, Michael

Cox/R10/USEPA/US@EPA

Date: 06/06/2012 10:05 AM

Subject: Re: Fw: Yakima report: Draft Q's and A's - Comments due COB Wednesday June 6th

Since these Q&As are for internal use,

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5

Sheila

Sheila Fleming, P.E.
Risk Evaluation Unit Manager
U.S. Environmental Protection Agency
Office of Environmental Assessment
1200 Sixth Avenue, Suite 900, M/S OEA-095
Seattle, Washington 98101

Office: 206.553-1417 Mobile: 206.303.8126 From: Eric Winiecki/R10/USEPA/US

To: Marie Jennings/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA, Jennifer

MacDonald/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA,

Date: 06/06/2012 08:12 AM

Subject: Fw: Yakima report: Draft Q's and A's - Comments due COB Wednesday June 6th

Deliberative Process / Ex. 5

---- Forwarded by Eric Winiecki/R10/USEPA/US on 06/06/2012 08:01 AM -----

From: Sandra Halstead/R10/USEPA/US
To: Michael Cox/R10/USEPA/US@EPA

Caryn Sengupta/R10/USEPA/US@EPA, Chan Pongkhamsing/R10/USEPA/US@EPA, Cox.Michael@epa.gov,

Curt Black/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, Jennifer MacDonald/R10/USEPA/US@EPA, Karma Anderson/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA, Rochelle Labiosa/R10/USEPA/US@EPA, Sheila

Fleming/R10/USEPA/US@EPA, Steven Potokar/R10/USEPA/US@EPA, Thomas Eaton/R10/USEPA/US@EPA

Date: 06/05/2012 07:01 PM

Subject: Re: Yakima report: Draft Q's and A's - Comments due COB Wednesday June 6th

my take on the Q & A's. I'm sure there are more questions we should be thinking of but I can't expend much energy on this right now......

Deliberative Process / Ex. 5

[attachment "Yakima Report Draft Q's and A's May 31 2012 sjh.docx" deleted by Sheila Fleming/R10/USEPA/US]

Sandy Halstead

EPA R10 Alaskan Operations Office Superfund Federal Facilities Remedial Project Manager

222 W. 7th Ave, Suite 19, Rm 537 Anchorage, AK 99513-7588

907-271-1218 office 907-271-3424 fax 206-321-6055 cell 800-781-0983 toll free AK

From: Michael Cox/R10/USEPA/US

To: Sheila Fleming/R10/USEPA/US@EPA, Curt Black/R10/USEPA/US@EPA, Cox.Michael@epa.gov, Marie

Jennings/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, Chan

Pongkhamsing/R10/USEPA/US@EPA, Sandra Halstead/R10/USEPA/US@EPA, Karma Anderson/R10/USEPA/US@EPA, Caryn Sengupta/R10/USEPA/US@EPA, Rochelle Labiosa/R10/USEPA/US@EPA, Jennifer MacDonald/R10/USEPA/US@EPA, Steven

Potokar/R10/USEPA/US@EPA

Co: Thomas Eaton/R10/USEPA/US@EPA

Date: 05/31/2012 06:55 AM

Subject: Yakima report: Draft Q's and A's - Comments due COB Wednesday June 6th

I have attached draft Q's and A's for the Yakima Report for your review and comment. A couple of things.

- 1. This is for internal Region 10 use only and will be used to prepare for the public meeting and to ensure we are consistent in our responses. Please do not share outside Region 10.
- 2. The majority of the responses are taken from the report or from discussions leading up to the finalization of the report. We do not want to revisit issues that have been discussed and resolved.
- 3. Please think about other questions you believe may be asked but are not included.
- 4. Once we get your comments, we will prepare a final Q's and A's.

Thanks.

Please provide comments by COB Wednesday June 6th.

Michael Cox
Office of Environmental Assessment
US EPA Region 10, 1200 Sixth Avenue, Suite 900
Seattle, WA 98101
206-553-1597
cox.michael@epa.gov[attachment "Yakima Report Draft Q's and A's May 31 2012.docx" deleted by Sandra Halstead/R10/USEPA/US]

From: Stern, Allyn [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=2E2D6F5DF08D4E9ABBFF2C0880407775-STERN, ALLYN]

Sent: 6/6/2012 10:20:07 PM

To: MacDonald, Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer]; Allnutt, David

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=6e28f5bf9cbf4b8b9eda7751c2f10750-Allnutt, David]

Subject: Fw: Yakima Valley, Washington -- Nitrates Groundwater Contamination Study and Next Steps

Attachments: Yakima Report RA Briefing April 26 2012.pptx

Allyn L. Stern
Regional Counsel
U.S. EPA, Region 10
1200 Sixth Ave, Suite 900
Seattle, WA 98101
deck: 206-553-1223

desk: 206-553-1223 fax: 206-553-0163 stern.allyn@epa.gov

---- Forwarded by Allyn Stern/R10/USEPA/US on 06/06/2012 03:19 PM ----

From: Mike Bussell/R10/USEPA/US

To: Pamela Barr/DC/USEPA/US@EPA, Elizabeth Southerland/DC/USEPA/US@EPA, Mark

Pollins/DC/USEPA/US@EPA

Cc: Edward Kowalski/R10/USEPA/US@EPA, Allyn Stern/R10/USEPA/US@EPA

Date: 06/06/2012 02:33 PM

Subject: Yakima Valley, Washington -- Nitrates Groundwater Contamination Study and Next Steps

Wanted to let you know that Dennis McLerran has a call scheduled with Nancy, Cynthia and Larry E. on Monday the 18th to follow up on the Region's plan to release our groundwater nitrates contamination study in the Yakima Valley. While the nitrate contamination problem has been well documented over the years, this is the first time likely sources of contamination are identified up gradient from polluted residential drinking water wells.

Dennis will also talk about next steps the Region is planning, including use of SDWA 1431 authority (preferably thru administrative orders on consent) as a means to focus attention and leverage broader efforts to address the problem.

Attached are slides we used to brief Dennis in April, fyi. Let me know if you need or want more information.

Thanks,

Mike B.



From: Winiecki, Eric [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=45FA974E305B49CD8AF513001A800543-WINIECKI, ERIC]

Sent: 6/6/2012 8:38:58 PM **To**: Bussell.Mike@epa.gov

CC: Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]; MacDonald,

Jennifer [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=507c2f57e60741b2b137cdf441c1c731-MacDonald Jennifer]

Subject: Dennis briefing Powerpoint

Attachments: Yakima Report RA Briefing April 26 2012.pptx

Mike.

In response to your phone message, here's the Powerpoint that was used to brief Dennis on April 26. If this is not what you had in mind, please let me know.

Eric



Yakima Report RA Briefing April 26 ...

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/3/2012 5:15:21 AM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Re: Fw: Yakima: Schedule for release

Thanks.

Personal Privacy/ Ex. 6

Personal Privacy/ Ex. 6

-Jennifer 206-553-8311

MacDonald.Jennifer@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Date: 08/02/2012 08:19 AM

Subject: Re: Fw: Yakima: Schedule for release

Personal Privacy/ Ex. 6

From: Jennifer MacDonald/R10/USEPA/US

To: Eric Winiecki/R10/USEPA/US@EPA

Date: 08/01/2012 07:00 PM

Subject: Fw: Yakima: Schedule for release

Personal Privacy/ Ex. 6

I just noticed that you are not on this message list.... hmmm

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 08/01/2012 07:00 PM ----

From: Thomas Eaton/R10/USEPA/US
To: Michael Cox/R10/USEPA/US@EPA

Cc. Allyn Stern/R10/USEPA/US@EPA, Cox.Michael@epa.gov, Edward Kowalski/R10/USEPA/US@EPA, Jennifer

MacDonald/R10/USEPA/US@EPA, Joyce Kelly/R10/USEPA/US@EPA, Marianne

Holsman/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA, Mark

Macintyre/R10/USEPA/US@EPA, Mike Bussell/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA,

Mark Macintyre/R10/USEPA/US@EPA

Date: 08/01/2012 08:05 AM

Subject: Re: Yakima: Schedule for release

I just confirmed that the Sept 6th meeting with dairy producers is NOT on Dennis' calendar. Obviously, we need to correct this right away.

I also agree with Mike that a meeting is needed to confirm the rest of the events in September leading to the public meeting and release of the report .

Tom Eaton Director Washington Operations Office USEPA, Region 10 360-753-8086

From: Michael Cox/R10/USEPA/US

To: Marie Jennings/R10/USEPA/US@EPA

Cc: Allyn Stern/R10/USEPA/US@EPA, Edward Kowalski/R10/USEPA/US@EPA, Jennifer

MacDonald/R10/USEPA/US@EPA, Joyce Kelly/R10/USEPA/US@EPA, Marianne

Holsman/R10/USEPA/US@EPA, Mark Macintyre/R10/USEPA/US@EPA, Mike Bussell/R10/USEPA/US@EPA,

Thomas Eaton/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA, Cox.Michael@epa.gov

Date: 08/01/2012 07:59 AM

Subject: Yakima: Schedule for release

I think we are set on the dates for the public meeting (Tuesday September 25th or Wednesday September 26th). It will depend on availability of rooms.

Attorney Client / Ex. 5

Michael Cox
Office of Environmental Assessment
US EPA Region 10, 1200 Sixth Avenue, Suite 900
Seattle, WA 98101
206-553-1597
cox.michael@epa.gov

----Marie Jennings/R10/USEPA/US wrote: ----

To: Thomas Eaton/R10/USEPA/US@EPA From: Marie Jennings/R10/USEPA/US

Date: 07/31/2012 02:06PM

Cc: Allyn Stern/R10/USEPA/US@EPA, Edward Kowalski/R10/USEPA/US@EPA, Jennifer

MacDonald/R10/USEPA/US@EPA, Joyce Kelly/R10/USEPA/US@EPA, Marianne Holsman/R10/USEPA/US@EPA, Mark Macintyre/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Mike Bussell/R10/USEPA/US@EPA

Subject: Re: draft message from Dennis

Hi Tom

We are still on schedule. Please go ahead and send message.

S. Marie Jennings Manager, Drinking Water Unit 206-553-1893

Thomas Eaton---07/31/2012 07:29:01 AM---Hi Mark, Below is the draft message from Dennis regarding the release of the Yakima Groundwater repo

From: Thomas Eaton/R10/USEPA/US
To: Mark Macintyre/R10/USEPA/US@EPA

Co: Marie Jennings/R10/USEPA/US@EPA, Mike Bussell/R10/USEPA/US@EPA, Edward

Kowalski/R10/USEPA/US@EPA, Allyn Stern/R10/USEPA/US@EPA, Jennifer MacDonald/R10/USEPA/US@EPA, Marianne Holsman/R10/USEPA/US@EPA, Joyce Kelly/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA

Date: 07/31/2012 07:29 AM

Subject: draft message from Dennis

Hi Mark.

Below is the draft message from Dennis regarding the release of the Yakima Groundwater report. I am copying several members of the team to make sure we are still confident that we will be able to release the report in late September.

As discussed, I have another GWMA meeting next Thursday, so it would be good to get this out in advance.

To the Members of the Yakima GWMA Advisory Committee and other interested Parties

I understand from my staff, that it's been several months since residents of the Yakima Valley last received an update on the status of the Yakima Valley Nitrates Report and EPA's potential next steps. We had previously indicated that the report might be ready for distribution sometime in June, however now EPA plans to release the report in September 2012. I regret that it has taken so long to bring this project to completion. The delay is the result of several factors, including the use of some cutting edge analytical techniques, extensive peer review of the draft report and the need to coordinate internally with several offices to assure we are being consistent on some pretty complicated issues. However, we are in the final stages of completing the report and preparing for an upcoming public meeting.

We anticipate releasing the report in late September and have tentatively selected the last week of September to hold a public meeting to discuss the findings of the report with the citizens of Yakima. We intend to adhere to this new schedule and again, I offer my sincere apologies for the delay. We look forward to presenting the findings from our study soon.

Dennis McLerran

Regional Administrator, EPA Region 10

Tom Eaton

Director

Washington Operations Office

USEPA, Region 10

360-753-8086

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 9/1/2012 12:17:25 AM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Fw: Confirmation of Sept. 6 meeting with EPA

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 / 206-553-0163 FAX MacDonald.Jennifer@epa.gov

[N.B., the U.S. Postal Service will return mail that does not include "Suite 900" in the address]

--- Forwarded by Jennifer MacDonald/R10/USEPA/US on 08/31/2012 05:17 PM ----

From: Jennifer MacDonald/R10/USEPA/US

To: "Steve Winfree" <SWinfree@vhlegal.com>
Cc: "Chapman, Bill" <bill.chapman@klgates.com>

Date: 08/31/2012 09:52 AM

Subject: RE: Confirmation of Sept. 6 meeting with EPA

Hello Steve.

We will not be expecting a response or input at this first meeting. Your impression is correct that EPA will present its findings and its plan for dealing with groundwater issues. Specifically, EPA's plan entails engaging the dairies in a dialogue, and we hope to begin the discussion of how we can work together regarding next steps at this first meeting by presenting a concept for consideration. The purpose of the meeting scheduled for September 19th is to allow the dairies some time for consideration of our offer to engage in dialogue regarding a plan for dealing with groundwater issues and to gain an understanding of your client's response prior to the public meeting and release of the report.

I hope this helps.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Suite 900

Seattle, Washington 98101

206-553-8311

MacDonald.Jennifer@epa.gov

From: "Steve Winfree" <SWinfree@vhlegal.com>

To: Jennifer MacDonald/R10/USEPA/US@EPA
Co: "Chapman, Bill"
bill.chapman@klgates.com>

Date: 08/31/2012 08:35 AM

Subject: RE: Confirmation of Sept. 6 meeting with EPA

Jennifer:

Mr. Haak asked me if you would be addressing his dairy at the meeting and if he would need to respond or provide input.

It has been my impression that EPA will present its findings and its plan for dealing with groundwater issues and how its plans will impact the dairies.

Could you shed some light?

Steve

From: Jennifer MacDonald [mailto:Macdonald.Jennifer@epamail.epa.gov]

Sent: Thursday, August 30, 2012 11:43 AM

To: Steve Winfree; Chapman, Bill

Subject: Confirmation of Sept. 6 meeting with EPA

Hello Steve and Bill,

I am writing to confirm our meeting scheduled for 1pm September 6 in the Executive Conference Room here at EPA. Please proceed first to our reception area/Service Center on the 12th floor and you will be escorted to our meeting room. Please let me know who will be accompanying you so that we will be sure to have sufficient space. For our part, EPA's group will include Dennis McLerran, Mike Bussell, Ed Kowalski, Eric Winiecki and myself. There may be a few others attending.

Thank you. We look forward to meeting with you.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel

U.S. Environmental Protection Agency, Region 10

1200 Sixth Avenue, Suite 900

Seattle, Washington 98101

MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 6/18/2012 9:58:37 PM

To: Stern, Allyn [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2e2d6f5df08d4e9abbff2c0880407775-Stern, Allyn]

Subject: Re: Fw: Yakima Draft Communication Strategy

I think well. Dennis's schedule is jammed and he did not make it on time. Cynthia was very complimentary of our work

Attorney Client / Ex. 5

Personal Privacy/ Ex. 6

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 6/18/2012 5:19:39 PM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Re: Yakima Powerpoint Presentation

Hi Eric, I don't know where the briefing is, or who is talking. I have not received an invitation, nor did Allyn.... I presume that I should attend, but I am not sure where it is being held. If I should not attend, please let me know. Thanks. Might be best to email me at Personal Privacy/ Ex. 6, or call or text Personal Privacy/ Ex. 6 Thanks.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: Matthew Magorrian/R10/USEPA/US@EPA

ිය: Jennifer MacDonald/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA,

Kowalski.Edward@epa.gov, Thomas Eaton/R10/USEPA/US@EPA

Date: 06/18/2012 10:04 AM

Subject: Yakima Powerpoint Presentation

Matt,

Will you please touch base with the administrative people for Cynthia Giles, Nancy Stoner and Larry Elworth and ensure they will have a copy of this presentation in hand during the 12:30 (Pacific Time) briefing this afternoon? Thank you,

Eric

3-6904

[attachment "Yakima - Briefing HQ June 7.pptx" deleted by Jennifer MacDonald/R10/USEPA/US]

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 7/7/2012 12:08:54 AM

To: Stern, Allyn [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2e2d6f5df08d4e9abbff2c0880407775-Stern, Allyn]; Allnutt, David

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=6e28f5bf9cbf4b8b9eda7751c2f10750-Allnutt, David)

Subject: Fw: Draft Schedule for Yakima Report Rollout and Next Steps

Attachments: 8.28.12 Yakima Schedule.pdf; 8.29.12. Yakima Schedule PDF.pdf; 9.6.12. Yakima Schedule.pdf.pdf; 9.7.12. Yakima

Schedule.pdf

Hello Allyn and David.

I hope you enjoyed the 4th of July holiday week. I'm glad for the sunshine finally, myself.

FYI - see below.

Attorney Client / Ex. 5

Attorney Client / Ex. 5

Talk to you soon. Thank you. -Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 07/06/2012 04:53 PM ----

From: Marie Jennings/R10/USEPA/US

To: eaton.thomas@epa.gov, Bussell.Mike@epa.gov, Edward Kowalski/R10/USEPA/US@EPA

ெ: macdonald.jennifer@epa.gov, Winiecki.Eric@epa.gov, fleming.sheila@epa.gov, Cox.Michael@epa.gov

Date: 07/06/2012 02:25 PM

Subject: Draft Schedule for Yakima Report Rollout and Next Steps

Deliberative Process / Ex. 5







8.29.12. Yakima Schedule PDF.pdf



9.6.12.Yakima Schedule. pdf.pdf



9.7.12. Yakima Schedule.pdf

S. Marie Jennings Manager, Drinking Water Unit 206-553-1893

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/2/2012 1:59:03 AM

To: Allnutt, David [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=6e28f5bf9cbf4b8b9eda7751c2f10750-Allnutt, David]

Subject: Fw: Yakima: Schedule for release

Ouch! So had you heard about this one? hmmm.

Jennifer 206-553-8311 MacDonald.Jennifer@epa.gov

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 08/01/2012 06:58 PM ----

From: Thomas Eaton/R10/USEPA/US

To: Michael Cox/R10/USEPA/US@EPA

୍ଦ: Allyn Stern/R10/USEPA/US@EPA, Cox.Michael@epa.gov, Edward Kowalski/R10/USEPA/US@EPA, Jennifer

MacDonald/R10/USEPA/US@EPA, Joyce Kelly/R10/USEPA/US@EPA, Marianne Holsman/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA, Mark

Macintyre/R10/USEPA/US@EPA, Mike Bussell/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA,

Mark Macintyre/R10/USEPA/US@EPA

Date: 08/01/2012 08:05 AM

Subject: Re: Yakima: Schedule for release

I just confirmed that the Sept 6th meeting with dairy producers is NOT on Dennis' calendar. Obviously, we need to correct this right away.

I also agree with Mike that a meeting is needed to confirm the rest of the events in September leading to the public meeting and release of the report .

Tom Eaton Director Washington Operations Office USEPA, Region 10 360-753-8086

From: Michael Cox/R10/USEPA/US

To: Marie Jennings/R10/USEPA/US@EPA

ে: Allyn Stern/R10/USEPA/US@EPA, Edward Kowalski/R10/USEPA/US@EPA, Jennifer

MacDonald/R10/USEPA/US@EPA, Joyce Kelly/R10/USEPA/US@EPA, Marianne

 $Holsman/R10/USEPA/US@EPA, \ Mark \ Macintyre/R10/USEPA/US@EPA, \ Mike \ Bussell/R10/USEPA/US@EPA, \ Mike \ Bussell/R10/USEPA/US@EPA, \ Mark \ Macintyre/R10/USEPA/US@EPA, \ Mike \ Bussell/R10/USEPA/US@EPA, \ Mark \ Macintyre/R10/USEPA/US@EPA, \ Mike \ Bussell/R10/USEPA/US@EPA, \ Mark \ Macintyre/R10/USEPA/US@EPA, \ Mike \ Bussell/R10/USEPA/US@EPA, \ Mike \ Bussell/R10/USEPA/US@$

Thomas Eaton/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA, Cox.Michael@epa.gov

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Attorney Client / Ex. 5

Michael Cox Office of Environmental Assessment US EPA Region 10, 1200 Sixth Avenue, Suite 900 Seattle, WA 98101 206-553-1597 cox.michael@epa.gov

----Marie Jennings/R10/USEPA/US wrote: ----

To: Thomas Eaton/R10/USEPA/US@EPA From: Marie Jennings/R10/USEPA/US

Date: 07/31/2012 02:06PM

Cc: Allyn Stern/R10/USEPA/US@EPA, Edward Kowalski/R10/USEPA/US@EPA, Jennifer

MacDonald/R10/USEPA/US@EPA, Joyce Kelly/R10/USEPA/US@EPA, Marianne Holsman/R10/USEPA/US@EPA, Mark Macintyre/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Mike Bussell/R10/USEPA/US@EPA

Subject: Re: draft message from Dennis

Hi Tom

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S. Marie Jennings Manager, Drinking Water Unit 206-553-1893

Thomas Eaton---07/31/2012 07:29:01 AM---Hi Mark, Below is the draft message from Dennis regarding the release of the Yakima Groundwater repo

From: Thomas Eaton/R10/USEPA/US

To: Mark Macintyre/R10/USEPA/US@EPA

C: Marie Jennings/R10/USEPA/US@EPA, Mike Bussell/R10/USEPA/US@EPA, Edward

Kowalski/R10/USEPA/US@EPA, Allyn Stern/R10/USEPA/US@EPA, Jennifer MacDonald/R10/USEPA/US@EPA, Marianne Holsman/R10/USEPA/US@EPA, Joyce Kelly/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA

Date: 07/31/2012 07:29 AM

Subject: draft message from Dennis

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To the Members of the Yakima GWMA Advisory Committee and other interested Parties

I understand from my staff, that it's been several months since residents of the Yakima Valley last received an update on the status of the Yakima Valley Nitrates Report and EPA's potential next steps. We had previously indicated that the report might be ready for distribution sometime in June, however now EPA plans to release the report in September 2012. I regret that it has taken so long to bring this project to completion. The delay is the result of several factors, including the use of some cutting edge analytical techniques, extensive peer review of the draft report and the need to coordinate internally with several offices to assure we are being consistent on some pretty complicated issues. However, we are in the final stages of completing the report and preparing for an upcoming public meeting.

We anticipate releasing the report in late September and have tentatively selected the last week of September to hold a public meeting to discuss the findings of the report with the citizens of Yakima. We intend to adhere to this new schedule and again, I offer my sincere apologies for the delay. We look forward to presenting the findings from our study soon.

Dennis McLerran

Regional Administrator, EPA Region 10

Tom Eaton

Director

Washington Operations Office

USEPA, Region 10

360-753-8086

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/30/2012 6:36:29 PM
To: Lori Terry [TerrL@foster.com]
Subject: Re: Meeting on 9/6 at 1 pm

Hello Lori,

Patrick Ryan asked, so I thought I should let you know too that EPA's group will include Dennis McLerran, Mike Bussell, Ed Kowalski, Eric Winiecki and myself. There may be a few others attending.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101
206-553-8311
MacDonald.Jennifer@epa.gov

From: Lori Terry <TerrL@foster.com>

To: Jennifer MacDonald/R10/USEPA/US@EPA

Date: 08/30/2012 10:22 AM Subject: Meeting on 9/6 at 1 pm

Jennifer -- just confirming that the meeting with the dairies is still on for September 6th at 1 pm, at EPA's office in Seattle. Thanks. --Lori

Lori Terry Gregory | FOSTER PEPPER PLLC | 206-447-8902 | terrl@foster.com

Confidential Attorney-Client Communication. IF YOU RECEIVED THIS EMAIL BY MISTAKE,

PLEASE DO NOT READ IT. Reply to sender (or postmaster@foster.com) and delete this mail.

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/30/2012 6:22:13 PM

To: Ryan, Patrick W. (Perkins Coie) [PRyan@perkinscoie.com]

Subject: RE: Proposed meeting re: Liberty Dairy

Hello Patrick,

I was just working to send reminders, so your timing is good. We will meet at 1pm September 6 in the Executive Conference Room here at EPA. As you likely know, you should proceed first to our reception area/Service Center on the 12th floor and you will be escorted to our meeting room. Thank you for letting me know who would accompany you. Representatives of the Cow Palace, DeRuyter, and Haak Dairies are expected. EPA's group will include Dennis McLerran, Mike Bussell, Ed Kowalski, Eric Winiecki and myself. There may be a few others attending.

We look forward to meeting with you. Thank you.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: "Ryan, Patrick W. (Perkins Coie)" < PRyan@perkinscoie.com>

To: Jennifer MacDonald/R10/USEPA/US@EPA

Date: 08/30/2012 10:55 AM

Subject: RE: Proposed meeting re: Liberty Dairy

Hi Jennifer. Could you please provide me some particulars for our meeting (time, location, attendees, etc) . . ? I expect Henry Bosma to attend besides myself . . . not sure yet whether will also attend but it's a possibility. Thanks much -

Patrick

Patrick W. Ryan | Perkins Coie LLP

PHONE: 206,359,8662

E-MAIL: PRyan@perkinscole.com

From: Jennifer MacDonald [mailto:Macdonald.Jennifer@epamail.epa.gov]

Sent: Friday, July 13, 2012 4:35 PM

To: Ryan, Patrick W. (Perkins Coie)

Subject: Re: Proposed meeting re: Liberty Dairy

Hello Patrick.

That does work for everyone else. We have September 6 on the calendar for the meeting. Thank you. -Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101
206-553-8311
MacDonald.Jennifer@epa.gov

From: "Ryan, Patrick W. (Perkins Coie)" < PRyan@perkinscoie.com >

To: Jennifer MacDonald/R10/USEPA/US@EPA

Date: 07/11/2012 06:34 AM

Subject: Re: Proposed meeting re: Liberty Dairy

Jennifer: Apologies, apparently only the September dates work for us. Hope that works for everyone else.

Patrick

Sent from my iPhone

On Jul 10, 2012, at 2:45 PM, "Jennifer MacDonald" < Macdonald.Jennifer@epamail.epa.gov > wrote:

```
> Hello Patrick,
```

> Thank you very much for your response. As you requested, I am attaching the January 2010 determination.

> (See attached file: Yakima Valley gw SDWA 1431.pdf)

>

> I will let you know as soon as we pin down the date. We look forward to talking with you further in a few weeks.

> -Jennifer

> Jennifer G. MacDonald, Asst. Regional Counsel

> U.S. Environmental Protection Agency, Region 10

> 1200 Sixth Avenue, Suite 900

> Seattle, Washington 98101

> 206-553-8311

> MacDonald.Jennifer@epa.gov

>

> [cid:2 =07BBF0A4DFE489868f9e8a93@epamail.epa.gov] "Ryan, Patrick W. (Perkins Coie)" ---07/10/2012 02:36:59 PM---Jennifer: The two September dates work best for us. August 29th is doable if that's the only date

>

> From: "Ryan, Patrick W. (Perkins Coie)" <PRyan@perkinscoie.com>

> To: Jennifer MacDonald/R10/USEPA/US@EPA

> Cc: "habos@embarqmail.com" <habos@embarqmail.com>

```
> Date: 07/10/2012 02:36 PM
> Subject: Proposed meeting re: Liberty Dairy
> Jennifer: The two September dates work best for us. August 29th is doable if that's the
only date that works for everyone else; August 28th is out. I'd like to reiterate what I
said earlier - we appreciate the opportunity to sit down and work collaboratively with the
agency on these important issues. Feel free to contact me at any time.
> Patrick
> Patrick W. Ryan | Perkins Coie LLP
> 1201 Third Avenue, Suite 4900
> Seattle, WA 98101-3099
> PHONE: 206.359.8662
> FAX: 206.359.9662
> E-MAIL: PRyan@perkinscoie.com
>
> IRS CIRCULAR 230 DISCLOSURE: To ensure compliance with Treasury Department and IRS
regulations, we inform you that, unless expressly indicated otherwise, any federal tax
advice contained in this communication (including any attachments) is not intended or
written by Perkins Coie LLP to be used, and cannot be used by the taxpayer, for the purpose
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addressed herein (or any attachments).
> * * * * * * * * * *
> NOTICE: This communication may contain privileged or other confidential information. If
you have received it in error, please advise the sender by reply email and immediately delete
the message and any attachments without copying or disclosing the contents. Thank you.
> <graycol.gif>
> <Yakima Valley gw SDWA 1431.pdf>
```

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/30/2012 5:26:08 PM

To: Allnutt, David [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=6e28f5bf9cbf4b8b9eda7751c2f10750-Allnutt, David]; Stern, Allyn

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2e2d6f5df08d4e9abbff2c0880407775-Stern, Allyn]

Subject: Fw: Briefing materials for Steve Chester

Attachments: Yakima - Briefing HQ June 7.pptx; Yakima Report Comm Strategy August 10 2012.docx; Yakima Report Schedule

Rev3[1].pdf; Lower Yakima Valley Groundwater Study_FS_Draft_E[1].pdf; Yakima Report Draft Talking Points August

22 2012.docx; Yakima Report Q's and A's August 22 2012.docx

FYI

Jennifer G. MacDonald, Asst. Regional Counsel
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101
206-553-8311
MacDonald.Jennifer@epa.gov

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 08/30/2012 10:25 AM -----

From: Eric Winiecki/R10/USEPA/US

To: bahk.benjamin@epa.gov

Cc: Jennifer MacDonald/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA

Date: 08/30/2012 08:49 AM

Subject: Briefing materials for Steve Chester

Hi Ben,

I'm sending you some materials we're planning to use for the Steve Chester briefing next Wednesday. Most of these will look familiar. I understand there's interest in our communications strategy which is included below. Do you have a sense of whether we should plan to start off the briefing with a formal presentation using the first file below as a guide, or is Steve already familiar with that information and wants to have a more open discussion about the Communications Strategy and the general rollout?

Eric



Yakima - Briefing HQ June 7.pptx



Yakima Report Comm Strategy ...









Note: All of these files are for internal use only except for the fact sheet (fourth file down) which we plan to release, when it's final, at the public meeting.

To: Michael Cox[Cox.MichaelLNDU@usepa.onmicrosoft.com]

Cc: Michael Cox[Cox.MichaelLNDU@usepa.onmicrosoft.com]; Winiecki, Eric[Winiecki.Eric@epa.gov]; Jennings,

Marie[Jennings.Marie@epa.gov]; Fleming, Sheila[fleming.sheila@epa.gov]

From: MacDonald, Jennifer

Sent: Wed 6/13/2012 3:48:21 PM

Subject: Re: Yakima Report: Final edits

Hello, I've responded to the comments below. See what you think. I am available to meet from 11 to noon, 1pm to the end of the day. I need help accessing figures, please.

Thank you.
- Jennifer
206-553-8311

MacDonald.Jennifer@epa.gov

From: Michael Cox/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Cc: Eric Winiecki/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA, Cox.Michael@epa.gov, Marie

Jennings/R10/USEPA/US@EPA

Date: 06/13/2012 06:35 AM Subject: Yakima Report: Final edits

Thanks Jennifer. I have incorporated all of your comments except the ones below that I think we should discuss.

Thanks Sheila for incorporating Eric's, Marie's, and your comments and for all the word processing (you did not know when you came to EPA that you would become a Word expert. I guess other duties as assigned).

I am available from 10:00 - 2:00 and 3:00 - 5:00 today (Wednesday - I am at home).

Can others meet today to discuss?

Page ES-3 (comments M2 and M3) - these seem o.k. to me.

Page ES-8 (comment M5) - putting the language in the conclusions is o.k. with me.

Page 1 footnote 12 - this is fine with me

Attorney Client / Ex. 5

Appendix D (waiting for Megan to return)

Other items

- 1. Figures: Incorporated Eric's, Sheila, and my comments (Anyone want to review?) I would like to review these. I cannot print. Sheila, can you please help me with this?
- 2. Appendix C: Made minor changes (Anyone want to review?)
- 3. Compiled soil and inspection reports: Kevin completed (Anyone want to review?).
- 4. Fact Sheet: Comments back to Caryn (Anyone want to review?) I will look at this
- 5. Q's and A's: I will have revised Q's and A's out today (Anyone want to review?) I will look at this.

Michael Cox Office of Environmental Assessment US EPA Region 10, 1200 Sixth Avenue, Suite 900 Seattle, WA 98101 206-553-1597 cox.michael@epa.gov

----Jennifer MacDonald/R10/USEPA/US wrote: -----

To: Cox.Michael@epa.gov, Sheila Fleming/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA

From: Jennifer MacDonald/R10/USEPA/US

Date: 06/12/2012 11:19PM

Subject: comments on Appendices except D

Here are my remaining comments on the appendices - except D since the comment there (Sheila's?) says something like need to insert revised version so I didn't want to review an old version. I'm happy to review the revised D though.

I think that my only comment/change is in the appendix on QA/QC....

See what you think.
-Jennifer
Jennifer G. MacDonald, Asst. Regional Counsel
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101
206-553-8311
MacDonald.Jennifer@epa.gov

[attachment "Yakima Valley Report June 8 2012 jgm v3.docx" removed by Michael Cox/R10/USEPA/US][attachment "Yakima Valley Report June 13 2012.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/30/2012 3:05:39 AM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Fw: Yakima Draft Communication Strategy

Attachments: Yakima Report Comm Strategy June 18 2012.docx

There was a much more recent meeting where we discussed the communications strategy that I attended and so did Marie I believe - though I don't think either of us was invited by Caryn. Anyway, in my search for that, I found the message below, just fyi....

--- Forwarded by Jennifer MacDonald/R10/USEPA/US on 08/29/2012 08:04 PM ----

From: Eric Winiecki/R10/USEPA/US

To: Mike Bussell/R10/USEPA/US@EPA

Cc: Thomas Eaton/R10/USEPA/US@EPA, Jennifer MacDonald/R10/USEPA/US@EPA, Marie

Jennings/R10/USEPA/US@EPA, allnutt.david@epa.gov, Kowalski.Edward@epa.gov, Kate

Kelly/R10/USEPA/US@EPA, Allyn Stern/R10/USEPA/US@EPA

Date: 06/18/2012 12:01 PM

Subject: Yakima Draft Communication Strategy

Please find below a slightly revised and updated draft Yakima Communication Strategy (below) that was assembled by

ETPA.

Deliberative Process / Ex. 5

Deliberative Process / Ex. 5



MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 6/13/2012 3:52:14 AM

Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com] To:

CC: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]; Fleming, Sheila

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming, Sheila]

Subject: Re: my comments on the executive summary

Attachments: Yakima Valley Report June 8 2012 jgm ES only mike cox comments v2.docx

Hi Mike, Here are my thoughts in response - agreement, in sum....



Yakima Valley Report June 8 20...

Thank you very much.

-Jennifer Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Michael Cox/R10/USEPA/US

To: Michael Cox/R10/USEPA/US@EPA

Eric Winiecki/R10/USEPA/US@EPA, Jennifer MacDonald/R10/USEPA/US@EPA, Sheila Cc:

Fleming/R10/USEPA/US@EPA

06/12/2012 04:47 PM Date:

Re: my comments on the executive summary Subject:

I have responded to all your comments in the attachment.

Please look at page ES-2 and ES-3 for suggestions on how to modify text.

[attachment "Yakima Valley Report June 8 2012 jgm ES only mike cox comments.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

Michael Cox Office of Environmental Assessment US EPA Region 10, 1200 Sixth Avenue, Suite 900 Seattle, WA 98101 206-553-1597 cox.michael@epa.gov

From: Michael Cox/R10/USEPA/US

To: Eric Winiecki/R10/USEPA/US@EPA

Cc: Jennifer MacDonald/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA, Cox.Michael@epa.gov

Date: 06/12/2012 04:06 PM

Subject: Re: my comments on the executive summary

I think we have two options.

Attorney Client / Ex. 5

Thoughts

Michael Cox Office of Environmental Assessment US EPA Region 10, 1200 Sixth Avenue, Suite 900 Seattle, WA 98101 206-553-1597 cox.michael@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Cc: Michael Cox/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA

Date: 06/12/2012 02:37 PM

Subject: Re: my comments on the executive summary

Attorney Client / Ex. 5

From: Jennifer MacDonald/R10/USEPA/US

To: Michael Cox/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA, Eric

Winiecki/R10/USEPA/US@EPA

Date: 06/11/2012 04:31 PM

More later maybe (I'm here until 7pm and will continue at home if I don't get through it by then), but here are my comments on the Executive Summary:

[attachment "Yakima Valley Report June 8 2012 jgm ES only.docx" deleted by Eric Winiecki/R10/USEPA/US] -Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 6/12/2012 11:20:04 PM

To: Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com]; Fleming, Sheila [/o=ExchangeLabs/ou=Exchange

Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming,

Sheila]; Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric

Subject: more comments on the report

Attachments: Yakima Valley Report June 8 2012 jgm.docx

Here are all of my comments on the body of the report. I hope to complete my review of the appendices tonight. Thanks.



Yakima Valley Report June 8 20..

-Jennifer Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900

Seattle, Washington 98101

206-553-8311

MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 6/11/2012 11:31:22 PM

To: Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com]; Fleming, Sheila [/o=ExchangeLabs/ou=Exchange

Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming,

Sheila]; Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: my comments on the executive summary

Attachments: Yakima Valley Report June 8 2012 jgm ES only.docx

More later maybe (I'm here until 7pm and will continue at home if I don't get through it by then), but here are my comments on the Executive Summary:



Yakima Valley Report June 8 20..

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/29/2012 7:39:23 PM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Fw: on Report -

FYI - just thought I should share Rene's response....
Jennifer
206-553-8311
MacDonald.Jennifer@epa.gov

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 08/29/2012 12:38 PM -----

From: Rene Fuentes/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Date: 08/29/2012 12:36 PM

Subject: on Report -

Deliberative Process / Ex. 5

René

René Fuentes P.E., P.HG.

Hydrogeologist Office of Environmental Assessment USEPA Region 10 (0EA-095) 1200 Sixth Ave., Suite 900 Seattle, WA 98101

phone: (206) 553-1599

MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/29/2012 7:22:11 PM

Fuentes, Rene [/o=ExchangeLabs/ou=Exchange Administrative Group To:

(FYDIBOHF23SPDLT)/cn=Recipients/cn=3eb2a2e594934952b91ca7ade37262c5-Ruentes, Rene]

CC: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Fw: Yakima: Draft briefing for Ecology and Ag on Report - Thursday August 30th, 11:00 - 1:00, 9th Floor Conference Subject:

Room, Call-in: Personal Privacy/ Ex. 6 Code: Personal Privacy/ Ex. 6

Attachments: Yakima Valley Nitrate Presentation Ecology August 29 2012.pptx

Hey Rene, it strikes me that perhaps you should look at this Attorney Client / Ex. 5

Attorney Client / Ex. 5

Thank you.

- Jennifer

206-553-8311

MacDonald.Jennifer@epa.gov

--- Forwarded by Jennifer MacDonald/R10/USEPA/US on 08/29/2012 11:51 AM ----

From Michael Cox/R10/USEPA/US

Thomas Eaton/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA, Marie To:

Jennings/R10/USEPA/US@EPA, Jennifer MacDonald/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA,

Curt Black/R10/USEPA/US@EPA

Ca: Michael Cox/R10/USEPA/US@EPA

08/29/2012 10:55 AM Date:

Yakima: Draft briefing for Ecology and Ag on Report - Thursday August 30th, 11:00 - 1:00, 9th Floor Conference Subject:

Room, Call-in: 1-866-299-3188 Code: 2065531597#

Tom has scheduled a briefing on the Yakima Report with Ecology and is attempting to get Ag also (per Dennis request) for

Thursday August 30th

11:00 - 1:00

9th Floor Conference Room

Call-in

Personal Privacy/ Ex. 6 Code:

We will get Adobe Connect and send the information to you.

I have developed a draft briefing.

Please review and provide any comments.

Thanks

Michael Cox

Office of Environmental Assessment US EPA Region 10, 1200 Sixth Avenue, Suite 900 Seattle, WA 98101 206-553-1597



Yakima Valley cox.michael@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 6/9/2012 1:45:05 AM

To: Stern, Allyn [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2e2d6f5df08d4e9abbff2c0880407775-Stern, Allyn]

CC: Allnutt, David [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=6e28f5bf9cbf4b8b9eda7751c2f10750-Allnutt, David)

Subject: Re: Fw: revised powerpoint

Ah yes,

Attorney Client / Ex. 5

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Allyn Stern/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Cc: David Allnutt/R10/USEPA/US@EPA

Date: 06/08/2012 02:54 PM Subject: Re: Fw: revised powerpoint

Thanks Jennifer

Attorney Client / Ex. 5

Attorney Client / Ex. 5

---- Original Message -----

From: Jennifer MacDonald
Sent: 06/08/2012 02:45 PM PDT

To: Allyn Stern Cc: David Allnutt

Subject: Re: Fw: revised powerpoint

Hi Allyn,

Attorney Client / Ex. 5

Thanks
-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Allyn Stern/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA
Cc: David Allnutt/R10/USEPA/US@EPA

Date: 06/07/2012 02:59 PM
Subject: Re: Fw: revised powerpoint

Attorney Client / Ex. 5

Allyn L. Stern Regional Counsel U.S. EPA, Region 10 1200 Sixth Ave, Suite 900 Seattle, WA 98101

desk: 206-553-1223 fax: 206-553-0163 stern.allyn@epa.gov

From: Jennifer MacDonald/R10/USEPA/US

To: Allyn Stern/R10/USEPA/US@EPA, David Allnutt/R10/USEPA/US@EPA

Date: 06/07/2012 12:02 PM Subject: Fw: revised powerpoint

Hello Allyn and David, Here is the latest version of the powerpoint presentation for the briefing with HQs. Attorney Client / Ex. 5

Attorney Client / Ex. 5

Atterney Client / Ex. 5 Happy to hear your thoughts.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 06/07/2012 11:59 AM ----

From: Jennifer MacDonald/R10/USEPA/US
To: Eric Winiecki/R10/USEPA/US@EPA

Date: 06/07/2012 11:53 AM Subject: revised powerpoint

Hi Eric, Here are my revisions - Attorney Client / Ex. 5

[attachment "Yakima - Briefing HQ June 7.pptx" deleted by Jennifer MacDonald/R10/USEPA/US] -Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 7/13/2012 12:04:04 AM

To: Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com]

CC: Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]

Subject: Re: Yakima: Fact Sheet

Meant to tell you that this looks fine to me. If it's not too late, I'd suggest making sure the Mike B. and Ed know about this statement - though perhaps they are aware of it.

Deliberative Process / Ex. 5

Thank you.
-Jennifer
Jennifer G. MacDonald, Asst. Regional Counsel
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101
206-553-8311
MacDonald.Jennifer@epa.gov

From: Michael Cox/R10/USEPA/US

To: Sheila Fleming/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, Jennifer

MacDonald/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA, Thomas

Eaton/R10/USEPA/US@EPA, Wenona Wilson/R10/USEPA/US@EPA

Caryn Sengupta/R10/USEPA/US@EPA, Cox.Michael@epa.gov

Date: 07/06/2012 10:34 AM

I have attached, hopefully, the final fact sheet before we send off for Spanish Translation.

The reason we need to complete is that the contract with Tetra Tech to do the translation runs out on July 21st and will not be back up and available until early September.

Hence the need to complete now if we want to take advantage of the Tetra Tech contract.

Please get your comments back to Caryn and myself by Tuesday July 10th COB.

Thanks.

[attachment "Yakima Report Draft Fact Sheet July 6 2012.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

Michael Cox Office of Environmental Assessment US EPA Region 10, 1200 Sixth Avenue, Suite 900 Seattle, WA 98101 206-553-1597 cox.michael@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/21/2012 1:41:08 AM

To: Stern, Allyn [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=2e2d6f5df08d4e9abbff2c0880407775-Stern, Allyn]

CC: Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]

Subject: Re: Yakima prep meeting

Hello Allyn, There will be. Marie and I chatted just a little while ago. Ed, Eric, you and I will all be calling in as well as Tom, I believe.

-Jennifer 206-553-8311

MacDonald.Jennifer@epa.gov

From: Allyn Stern/R10/USEPA/US

To: "Marie Jennings" <Jennings.Marie@epamail.epa.gov>, "Jennifer MacDonald"

<Macdonald.Jennifer@epamail.epa.gov>

Date: 08/20/2012 06:35 PM Subject: Yakima prep meeting

Hi Marie --

I have to call in for this meeting. Is there a phone number set up?

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 6/7/2012 11:56:37 PM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Fw: revised powerpoint

Attorney Client / Ex. 5

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 06/07/2012 04:53 PM ----

From: Allyn Stern/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA
Cc: David Allnutt/R10/USEPA/US@EPA

Date: 06/07/2012 02:59 PM
Subject: Re: Fw: revised powerpoint

Attorney Client / Ex. 5

Allyn L. Stern
Regional Counsel
U.S. EPA, Region 10
1200 Sixth Ave, Suite 900
Seattle, WA 98101
deck: 206-553-1223

desk: 206-553-1223 fax: 206-553-0163 stern.allyn@epa.gov

From: Jennifer MacDonald/R10/USEPA/US

To: Allyn Stern/R10/USEPA/US@EPA, David Allnutt/R10/USEPA/US@EPA

Date: 06/07/2012 12:02 PM Subject: Fw: revised powerpoint Hello Allyn and David, Here is the latest version of the powerpoint presentation for the briefing with HQs.

Attorney Client / Ex. 5

Happy to hear your thoughts.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

---- Forwarded by Jennifer MacDonald/R10/USEPA/US on 06/07/2012 11:59 AM -----

From: Jennifer MacDonald/R10/USEPA/US
To: Eric Winiecki/R10/USEPA/US@EPA

Date: 06/07/2012 11:53 AM Subject: revised powerpoint

Hi Eric, Here are my revisions

Attorney Client / Ex. 5

[attachment "Yakima - Briefing HQ June 7.pptx" deleted by Jennifer MacDonald/R10/USEPA/US] -Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 7/14/2012 1:18:00 AM

To: Steve Winfree [SWinfree@vhlegal.com]; Bill Chapman [bill.chapman@klgates.com]

Subject: Ground Water Study Meeting

Hello Steve and Bill,

We have selected September 6 for our meeting. We'll send more details later. Looking forward to seeing you then. Thank you.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101
206-553-8311
MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER

Sent: 8/16/2012 9:46:45 PM

To: Pongkhamsing, Chan [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=9ad0a00227034724a48626a4417e3cb0-Pongkhamsing, Chan]

CC: Fleming, Sheila [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming, Sheila]; Jennings, Marie

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]; Winiecki, Eric

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Re: YV SAFs and CAFs

Hi Chan, I have completed my review of all of the YV SAFs and CAFs and the data validation memos. feel free to post them (perhaps the data validation memos are already posted). Please let me know when these .pdfs are posted on the website. Thank you.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Chan Pongkhamsing/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Co: Sheila Fleming/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA, Eric

Winiecki/R10/USEPA/US@EPA

 Date:
 08/16/2012 12:40 PM

 Subject:
 Re: YV SAFs and CAFs

Hi Jennifer,

If you don't have any objections, I will submit a request to our Webmasters to post these SAFs and CAFs on the Yakima project website. Let me know asap if you have any hesitation. I'll wait until next Monday to make the request.

Thanks,

Chan Pongkhamsing
Aquatic Resources Unit
Ecosystems, Tribal, and Public Affairs Office
United States Environmental Protection Agency
1200 Sixth Ave, Suite 900, Mailstop ETPA-083
Seattle, Washington 98101
phone: (206) 553-1806

From: Eric Winiecki/R10/USEPA/US

To: Pongkhamsing.Chan@epa.gov

©: Sheila Fleming/R10/USEPA/US@EPA, Jennifer MacDonald/R10/USEPA/US@EPA, Marie

Jennings/R10/USEPA/US@EPA

Date: 08/09/2012 12:34 PM Subject: Re: YV SAFs and CAFs

Hi Chan, I've looked these over and they look fine to me. I think they're ready to be posted to the web. Jennifer, did you want to look these over first?

From: Eric Winiecki/R10/USEPA/US
To: Sheila Fleming/R10/USEPA/US@EPA

Co: Pongkhamsing.Chan@epa.gov
Date: 08/07/2012 05:39 PM
Subject: Re: YV SAFs and CAFs

Jennifer,

Chan asked that you look these over before he puts them on the web. I'm going to look them over on Friday. Eric

From: Sheila Fleming/R10/USEPA/US

To: Chan Pongkhamsing/R10/USEPA/US@EPA

Co: Jennifer MacDonald/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, DonaldM

Brown/R10/USEPA/US@EPA, Gina Grepo-Grove/R10/USEPA/US@EPA

Date: 08/03/2012 01:08 PM Subject: Re: YV SAFs and CAFs

Hi Chan,

All the data validation memos are renamed for consistency and saved on OEA's share drive in the Black folder.

Y:\Black\Yakima\QA Validation Memos and Spreadsheets with Qualifiers_YV Validation Memos for posting on ftp site

I feel like the validation memos are ready to go and can be posted, but I was hoping Jennifer and Eric would read through the QAPP deviations before we post them. They are located here:

Y:\Black\Yakima\QAPP Deviations SAFs and CAFs

I also thought we might want to reconsider adding the SAFs and CAFs to Appendix E. They are summarized in Table E1, but we could easily insert them as an attachment to Appendix E. Mike, I promise this will not be a lot of work or delay the printing the document:)

Have a great weekend. **Sheila**

Shella Fleming, P.E.
Risk Evaluation Unit Manager
U.S. Environmental Protection Agency
Office of Environmental Assessment
1200 Sixth Avenue, Suite 900, M/S OEA-095
Seattle, Washington 98101

Office: 206.553-1417 Mobile: 206.303.8126

From: Chan Pongkhamsing/R10/USEPA/US
To: Sheila Fleming/R10/USEPA/US@EPA,

Co: Jennifer MacDonald/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, DonaldM

Brown/R10/USEPA/US@EPA, Gina Grepo-Grove/R10/USEPA/US@EPA

Date: 08/03/2012 09:58 AM Subject: Re: YV SAFs and CAFs

Your naming system makes sense to me! I like the first option of keeping it short, ""YV PH3 pesticides MEL" 2011-02-22".

As soon as we are ready to post, I will complete the following request to our Webmasters:

- all selected deviation forms and addendums to website in QAPP section: http://yosemite.epa.gov/r10/water.nsf/2fb9887c3bbafaaf88256b5800609bf0/1ea7e8c810acb757882576470077b0e3!OpenDocument
- 2. all data validation memos to ftp site: ftp://ftp.epa.gov/reg10ftp/sites/yakima/groundwater_data/

Chan Pongkhamsing Aquatic Resources Unit Ecosystems, Tribal, and Public Affairs Office United States Environmental Protection Agency 1200 Sixth Ave, Suite 900, Mailstop ETPA-083 Seattle, Washington 98101 phone: (206) 553-1806

From: Sheila Fleming/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Chan Pongkhamsing/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, DonaldM

Brown/R10/USEPA/US@EPA, Gina Grepo-Grove/R10/USEPA/US@EPA

Date: 08/03/2012 07:31 AM Subject: Re: YV SAFs and CAFs

Hi Jennifer,

I like the idea of posting the data validation QA memos to the ftp site. Not only is it easy, but then the public has

access to the same info as the dairies. My only suggestion is that we agree on a consistent naming convention for the pdfs before we post them. Right now, the file names are not consistent because they were done at different times by different chemists.

We could do something like...

"YV PH3 pesticides MEL 2011-02-22" or "Yakima PH3 nitrogen solids Cascade 2012-04-11". I think we need to include the date because some analyses were done in batches and the date is the only identifier that will differentiate the file name.

Someone please chime in if you have any other suggestions.

Thanks,

Sheila

Sheila Fleming, P.E.
Risk Evaluation Unit Manager
U.S. Environmental Protection Agency
Office of Environmental Assessment
1200 Sixth Avenue, Suite 900, M/S OEA-095
Seattle, Washington 98101

Office: 206.553-1417 Mobile: 206.303.8126

From: Jennifer MacDonald/R10/USEPA/US
To: Chan Pongkhamsing/R10/USEPA/US@EPA,

Co: Sheila Fleming/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA

Date: 08/02/2012 05:59 PM Subject: Re: YV SAFs and CAFs

Yes, thank you very much Sheila. I have not sent any of the data validation memos yet. Would we post those to the ftp site too?

Can the documents be emailed to me? I didn't manage to get away and don't have much prospect of that any time soon. But I won't be in the office tomorrow - although maybe for a bit Monday.

-Jennifer.

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Chan Pongkhamsing/R10/USEPA/US
To: Sheila Fleming/R10/USEPA/US@EPA

©: Jennifer MacDonald/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA

Date: 08/02/2012 04:52 PM Subject: Re: YV SAFs and CAFs Thank you Sheila! MacDonald and I will get together when Personal Privacy/ Ex. 6 nd go over all the forms before mailing them to Ms. Gregory and making them public on the respective website.

Thanks again. I know it's been a lot of work.

Chan Pongkhamsing Aquatic Resources Unit Ecosystems, Tribal, and Public Affairs Office United States Environmental Protection Agency 1200 Sixth Ave, Suite 900, Mailstop ETPA-083 Seattle, Washington 98101 phone: (206) 553-1806

From: Sheila Fleming/R10/USEPA/US

To: Chan Pongkhamsing/R10/USEPA/US@EPA

Co: Jennifer MacDonald/R10/USEPA/US@EPA, Michael Cox/R10/USEPA/US@EPA

Date: 08/02/2012 04:36 PM Subject: YV SAFs and CAFs

Hi Chan,

The complete set of SAFs and CAFs matching Table E1 is here: Y:\Black\Yakima\QAPP Deviations SAFs and CAFs. The pdf versions are signed and attachments are included if they were needed as supporting documentation.

There is no CAF for the second item in Table E1 which explains the schedule changes.

The data validation memos are in a subfolder on the share drive. I am not sure if Jennifer sent them yet. Is there anything else you or Jennifer need to respond to the dairy's attorney request for information? Just let me know. Thanks,

Sheila

Sheila Fleming, P.E.
Risk Evaluation Unit Manager
U.S. Environmental Protection Agency
Office of Environmental Assessment
1200 Sixth Avenue, Suite 900, M/S OEA-095
Seattle, Washington 98101

Office: 206.553-1417 Mobile: 206.303.8126

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/14/2012 6:24:14 PM

To: Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]; Thomas Eaton [Eaton.ThomasLNDU@usepa.onmicrosoft.com]; Fleming, Sheila [/o=ExchangeLabs/ou=Exchange Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming, Sheila]; Winiecki, Eric

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Confirmation of both dates received - September 6 and 19.

Hello, I just confirmed with the third party that the dates and times that we propose for meeting with the dairies is acceptable. Now we need to confirm with the parties attending. I wonder whether that would be best done through the RA's office staff. I'm happy to communicate with them. My understanding is that the meetings will include Dennis, Mike B., Ed, Eric and I. Thought that I'd confirm with you before proceeding. Thank you.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/27/2012 8:26:22 PM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Re: Updated Talking Points for 4pm Meeting (August 27 - today - 15 Umatilla)

Attachments: Rev 4 Key Messages for Dairy Meeting 8.27.12.docx

Per my voice-mail message, here are my thoughts about Tom's edits.... Please take a look and we can decide whether to share them with the group. Thank you.



Rev 4 Key Messages for Da...

Oh! and now I recall your voice-mail message. Allyn does not plan to attend the Sept. 6 meeting.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: Jennings.Marie@epa.gov, Jennifer MacDonald/R10/USEPA/US@EPA, Bussell.Mike@epa.gov, Thomas

Eaton/R10/USEPA/US@EPA, Edward Kowalski/R10/USEPA/US@EPA, Allyn Stern/R10/USEPA/US@EPA,

allnutt.david@epa.gov, Michael Cox/R10/USEPA/US@EPA, fleming.sheila@epa.gov

Date: 08/27/2012 12:33 PM

Subject: Updated Talking Points for 4pm Meeting (August 27 - today - 15 Umatilla)

Folks.

Here are the revised talking points with Marie's messages incorporated:

[attachment "Yakima - Talking Points 9-6 Dairy Meeting.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

If you're calling into the meeting, here is the number:

Call-in Number:

Code:

Personal Privacy/ Ex. 6

Eric

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/27/2012 6:37:36 PM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Re: Yakima Valley

Attachments: Yakima - Talking Points 9-6 Dairy Meeting jgm.docx

This looks good Eric. I've made a few suggestions - see what you think. I am working from home for a few hours today. I will be on the phone for the 4pm meeting - Personal Privacy/ Ex. 6



Yakima - Talking Points 9-6 Dairy ...

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Date: 08/24/2012 01:21 PM Subject: Re: Yakima Valley

Good idea, I'll do that.

Here's a revised draft of the talking points... what do you think? I took a shot at the "3 messages" from Dennis (in bold) but plan to replace them (or merge them) with Marie's. She said she'd forward hers today.

[attachment "Yakima - Talking Points 9-6 Dairy Meeting.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

Eric

From: Jennifer MacDonald/R10/USEPA/US

To: Eric Winiecki/R10/USEPA/US@EPA

Date: 08/24/2012 12:35 PM Subject: Re: Yakima Valley

Maybe we should send Ben the latest schedule? and perhaps the fact sheets, etc.? I think you sent him a much earlier version of the schedule.....

-Jennifer 206-553-8311

MacDonald.Jennifer@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: Benjamin Bahk/DC/USEPA/US@EPA

Ca: Jennifer MacDonald/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA

 Date:
 08/24/2012 09:20 AM

 Subject:
 Re: Yakima Valley

Ben,

We haven't put together a more formal briefing paper than this Powerpoint which we used to brief our RA and which you already have.

[attachment "Yakima - Briefing HQ June 7.pptx" deleted by Jennifer MacDonald/R10/USEPA/US]

Will this work for you? It's fairly detailed. Let me know if you need more information. Eric

From: Benjamin Bahk/DC/USEPA/US
To: Eric Winiecki/R10/USEPA/US@EPA

Date: 08/23/2012 02:04 PM

Subject: Yakima Valley

Hi Eric,

my office director has asked me to brief her on the latest in Yakima Valley. If you have a updated briefing paper or some summary, could you send it my way? The briefing will be next Tuesday morning so if you can get something to me by Monday, that would be great.

Thanks, Ben

Ben Bahk
U.S. Environmental Protection Agency
Office of Civil Enforcement
1200 Pennsylvania Ave. NW Mail Code 2243A

Washington, DC 20460 202.564.4293 (office) 202.564.0024 (fax)

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From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/27/2012 4:40:14 PM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

CC: Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]

Subject: Re: 3 Draft messages for Dennis and 3 Draft messages for the Dairies

Attorney Client / Ex. 5

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA
Cc: Marie Jennings/R10/USEPA/US@EPA

Date: 08/27/2012 08:01 AM

Subject: Re: 3 Draft messages for Dennis and 3 Draft messages for the Dairies

Marie,

Here are my suggestions.

[attachment "Yakima - Draft Dairy Messages.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

Attorney Client / Ex. 5

Eric

From: Jennifer MacDonald/R10/USEPA/US

To: Marie Jennings/R10/USEPA/US@EPA
Co: Eric Winiecki/R10/USEPA/US@EPA

Date: 08/26/2012 10:57 PM

Subject: Re: 3 Draft messages for Dennis and 3 Draft messages for the Dairies

Hi Marie, Thank you for pulling this together. I have a few comments -

a few comments { Attorney Client / Ex. 5 See what you think.

Attorney Client / Ex. 5

[attachment "Key Messages for Upcoming Yakiima Meetings v2.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Marie Jennings/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, Mike

Bussell/R10/USEPA/US@EPA, Edward Kowalski/R10/USEPA/US@EPA, Thomas

Eaton/R10/USEPA/US@EPA, Allyn Stern/R10/USEPA/US@EPA

Date: 08/26/2012 03:45 PM

Subject: 3 Draft messages for Dennis and 3 Draft messages for the Dairies

Greetings Everyone

[attachment "Key Messages for Upcoming Yakiima Meetings.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

Sorry to be a day late on the draft messages. At our last call, I offered to draft some messages based upon the discussion last Thursday. Please take a look at them and make any changes you think appropriate and Eric and I will make sure they get incorporated into the final draft. Eric can you bring copies to the meeting. I will be calling into the meeting.

S. Marie Jennings Manager, Drinking Water Unit 206-553-1893

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER

Sent: 8/27/2012 5:57:40 AM

To: Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]

CC: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Re: 3 Draft messages for Dennis and 3 Draft messages for the Dairies

Attachments: Key Messages for Upcoming Yakiima Meetings v2.docx

Hi Marie, Thank you for pulling this together. I have a few comments - Attorney Client / Ex. 5

Attorney Client / Ex. 5

See what you think:



Key Messages for Upcoming Yakii...

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Marie Jennings/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA, Eric Winiecki/R10/USEPA/US@EPA, Mike

Bussell/R10/USEPA/US@EPA, Edward Kowalski/R10/USEPA/US@EPA, Thomas

Eaton/R10/USEPA/US@EPA, Allyn Stern/R10/USEPA/US@EPA

Date: 08/26/2012 03:45 PM

Subject: 3 Draft messages for Dennis and 3 Draft messages for the Dairies

Greetings Everyone

[attachment "Key Messages for Upcoming Yakiima Meetings.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

Sorry to be a day late on the draft messages. At our last call, I offered to draft some messages based upon the discussion last Thursday. Please take a look at them and make any changes you think appropriate and Eric and I will make sure they get incorporated into the final draft. Eric can you bring copies to the meeting. I will be calling into the meeting.

S. Marie Jennings Manager, Drinking Water Unit 206-553-1893 From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 7/13/2012 11:34:54 PM

To: Ryan, Patrick W. (Perkins Coie) [PRyan@perkinscoie.com]

Subject: Re: Proposed meeting re: Liberty Dairy

Hello Patrick,

That does work for everyone else. We have September 6 on the calendar for the meeting. Thank you.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311

MacDonald.Jennifer@epa.gov

From: "Ryan, Patrick W. (Perkins Coie)" < PRyan@perkinscoie.com>

To: Jennifer MacDonald/R10/USEPA/US@EPA

Date: 07/11/2012 06:34 AM

Subject: Re: Proposed meeting re: Liberty Dairy

Jennifer: Apologies, apparently only the September dates work for us. Hope that works for everyone else.

Patrick

Sent from my iPhone

On Jul 10, 2012, at 2:45 PM, "Jennifer MacDonald" <Macdonald.Jennifer@epamail.epa.gov> wrote:

- > Hello Patrick,
- > Thank you very much for your response. As you requested, I am attaching the January 2010 determination.

>

> (See attached file: Yakima Valley gw SDWA 1431.pdf)

>

- > I will let you know as soon as we pin down the date. We look forward to talking with you further in a few weeks.
- > -Jennifer
- > Jennifer G. MacDonald, Asst. Regional Counsel
- > U.S. Environmental Protection Agency, Region 10
- > 1200 Sixth Avenue, Suite 900
- > Seattle, Washington 98101
- > 206-553-8311

```
> MacDonald.Jennifer@epa.gov
> [cid:2 =07BBF0A4DFE489868f9e8a93@epamail.epa.gov]"Ryan, Patrick W. (Perkins Coie)"
---07/10/2012 02:36:59 PM---Jennifer: The two September dates work best for us. August 29th
is doable if that's the only date
> From: "Ryan, Patrick W. (Perkins Coie)" < PRyan@perkinscoie.com>
> To: Jennifer MacDonald/R10/USEPA/US@EPA
> Cc: "habos@embarqmail.com" <habos@embarqmail.com>
> Date: 07/10/2012 02:36 PM
> Subject: Proposed meeting re: Liberty Dairy
>
>
> Jennifer: The two September dates work best for us. August 29th is doable if that's the
only date that works for everyone else; August 28th is out. I'd like to reiterate what I
said earlier - we appreciate the opportunity to sit down and work collaboratively with the
agency on these important issues. Feel free to contact me at any time.
> Patrick
> Patrick W. Ryan | Perkins Coie LLP
> 1201 Third Avenue, Suite 4900
> Seattle, WA 98101-3099
> PHONE: 206.359.8662
> FAX: 206.359.9662
> E-MAIL: PRyan@perkinscoie.com
>
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> <graycol.gif>
> <Yakima Valley gw SDWA 1431.pdf>
```

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/9/2012 8:50:27 PM

To: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Re: Fw: Schedule brief check-in meeting

Attorney Client / Ex. 5

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Eric Winiecki/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA

Date: 08/09/2012 01:12 PM

Subject: Fw: Schedule brief check-in meeting

Jennifer, fyi.	Attorney Client / Ex. 5	

--- Forwarded by Eric Winiecki/R10/USEPA/US on 08/09/2012 01:10 PM ----

From: Marie Jennings/R10/USEPA/US

To: Winiecki.Eric@epa.gov
Date: 08/08/2012 03:54 PM

Subject: Fw: Schedule brief check-in meeting

Hi Eric

If you can be on this call it will be welcomed. However, I went ahead and started the scheduling because the governor is asking Ecology about what is going on now. Sorry I forgot to include you on the cc list.

S. Marie Jennings Manager, Drinking Water Unit 206-553-1893

--- Forwarded by Marie Jennings/R10/USEPA/US on 08/08/2012 03:53 PM ----

From: Marie Jennings/R10/USEPA/US
To: jennings.marie@epa.gov
Date: 08/08/2012 03:50 PM

Subject: Fw: Schedule brief check-in meeting

S. Marie Jennings Manager, Drinking Water Unit 206-553-1893

---- Forwarded by Marie Jennings/R10/USEPA/US on 08/08/2012 03:50 PM ----

From: Marie Jennings/R10/USEPA/US

To: eaton.thomas@epa.gov, "McKinney, Charlie (ECY)" <cmck461@ECY.WA.GOV>, GTEB461@ecy.wa.gov

Date: 08/08/2012 03:48 PM

Subject: Schedule brief check-in meeting

Hi Tom T. and Charlie

Since we are having trouble connecting by phone. I thought that I would use email. Tom Eaton and I are hoping to schedule a half hour check-in meeting with you to

Provide update on scheduling for report roll-out and heads ups re: setting up a meeting with State and Local agencies re: report.

Determine if Ecology has taken any additional actions that we should be aware of in the valley.

Let me know if you are available this Thursday or if you have time Monday or Tuesday of next week.

8/9/12 - Thursday - anytime works for me

8/`13/12 - Monday - 10am - 2:00pm; and after 4:00pm

8/14/12 - Tuesday - 1pm to 4:00pm

If none of these times work let me know.

S. Marie Jennings Manager, Drinking Water Unit 206-553-1893

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/30/2012 5:09:01 PM **To**: terrl@foster.com

Subject: Yakima Valley QAPP documents

Hello Lori,

You asked that we share the data quality documents. We have now posted all QAPP and data validation memos to the ftp site. You can reach these documents through the following links:

ftp://ftp.epa.gov/reg10ftp/sites/yakima/

http://yosemite.epa.gov/r10/water.nsf/2fb9887c3bbafaaf88256b5800609bf0/1ea7e8c810acb757882576470077b0e3!Open Document

Just a reminider, we are confirmed to meet at 1pm September 6 in the Executive Conference Room here at EPA. As you know, please proceed first to our reception area/Service Center on the 12th floor and you will be escorted to our meeting room. Please let me know who will be accompanying you so that we will be sure to have sufficient space.

Thank you.
-Jennifer
Jennifer G. MacDonald, Asst. Regional Counsel
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Seattle, Washington 98101
206-553-8311
MacDonald.Jennifer@epa.gov

From: MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER]

Sent: 8/22/2012 1:48:22 AM

To: Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]; Thomas Eaton [Eaton.ThomasLNDU@usepa.onmicrosoft.com]; Tyler, Kendra [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=4d9c3ef4e83a4f998eb47ddd7944c817-Tyler, Kendra I]

CC: Winiecki, Eric [/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric]

Subject: Re: Confirming time to meet with dairies on 9/6/12

Hello, I have not seen an invitation locking this meeting on everyone's calendar. My understanding, confirmed during a call today is that the meeting will include Dennis, Mike Bussell, Ed Kowalski, Eric Winiecki, and me. Kendra, will you be sending out an invitation for this group, or should I do that? I am not sure how much time Dennis is allotting to these meetings, though I understand that we will begin at 1pm on September 6, and 2:30pm on September 19

Please let me know. I will take care of reminders to the dairies prior to each meeting, but they have confirmed the times.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Jennifer MacDonald/R10/USEPA/US

To: Marie Jennings/R10/USEPA/US@EPA

c: eaton.thomas@epa.gov, Kendra Tyler/R10/USEPA/US@EPA

Date: 08/15/2012 11:31 AM

Subject: Re: Confirming time to meet with dairies on 9/6/12

Yes - meeting with the dairies on September 6 at 1pm and again on September 19 at 2:30pm. They will be here. Thank you.

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Marie Jennings/R10/USEPA/US

To: macdonald.jennifer@epa.gov, Kendra Tyler/R10/USEPA/US@EPA

Co: eaton.thomas@epa.gov
Date: 08/15/2012 09:39 AM

Subject: Confirming time to meet with dairies on 9/6/12

Hi Jennifer

Kendra Tyler is working with Dennis' calendar to get the precise meeting time with the dairies on September 6, 2012. From a review of the email traffic, it appears that the dairies have been informed that the meeting will begin at 1:00pm here in Seattle in the RA conference room. Kendra needs to confirm asap. Thanks!

Manager, Drinking Water Unit 206-553-1893

MacDonald, Jennifer [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP From:

(FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=507C2F57E60741B2B137CDF441C1C731-MACDONALD JENNIFER

Sent: 6/25/2012 11:57:29 PM

To: Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com]

CC: Michael Cox [Cox.MichaelLNDU@usepa.onmicrosoft.com]; Winiecki, Eric [/o=ExchangeLabs/ou=Exchange

Administrative Group (FYDIBOHF23SPDLT)/cn=Recipients/cn=45fa974e305b49cd8af513001a800543-Winiecki, Eric];

Jennings, Marie [/o=ExchangeLabs/ou=Exchange Administrative Group]

(FYDIBOHF23SPDLT)/cn=Recipients/cn=ec4bd403e1994b80976542bb9458ae72-Jennings, Marie]; Fleming, Sheila

[/o=ExchangeLabs/ou=Exchange Administrative Group

(FYDIBOHF23SPDLT)/cn=Recipients/cn=5d3e29dad0ec4cd98d87e1a142435c57-Fleming, Sheila]; Personal Privacy/ Ex. 6

Subject: Re: Yakima: Fact Sheet

Attachments: Yakima Report Draft Fact Sheet June 18th 2012 jgm.docx

Hi Mike, Thank you for the opportunity to review this fact sheet. I have attached a version with my comments marked. Seems like it would be good to allow Eric a chance to review - I understand that he will return to the office at the end of this week.



Yakima Report Draft Fact Sheet ...

-Jennifer

Jennifer G. MacDonald, Asst. Regional Counsel U.S. Environmental Protection Agency, Region 10 1200 Sixth Avenue, Suite 900 Seattle, Washington 98101 206-553-8311 MacDonald.Jennifer@epa.gov

From: Michael Cox/R10/USEPA/US

To: Jennifer MacDonald/R10/USEPA/US@EPA, Sheila Fleming/R10/USEPA/US@EPA, Eric

Winiecki/R10/USEPA/US@EPA, Marie Jennings/R10/USEPA/US@EPA

Personal Privacy/ Ex. 6 Cox.Michael@epa.gov Cc:

06/19/2012 03:30 PM Date: Subject: Yakima: Fact Sheet

Latest version of fact sheet. If you have any comments please get them to me by Monday June 25 COB.

Thanks.

[attachment "Yakima Report Draft Fact Sheet June 18th 2012.docx" deleted by Jennifer MacDonald/R10/USEPA/US]

Michael Cox

Office of Environmental Assessment US EPA Region 10, 1200 Sixth Avenue, Suite 900 Seattle, WA 98101 206-553-1597 cox.michael@epa.gov